

Converting Colors

XYZ(74.5790, 79.8220, 90.2596)

Have a look what the booklet for
XYZ(74.5790, 79.8220, 90.2596)
contains.

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Color

**XYZ(74.5657, 79.9640,
90.1018)**

Conversions

Conversions Part 1

Format	Color
Hex	DFE9EB
RGB	223, 233, 235
RGB Percent	87%, 91%, 92%
CMY	0.1255, 0.0863, 0.0784
CMYK	0.05, 0.01, 0.00, 0.08
HSL	190°, 23%, 90%
HSV	190°, 5%, 92%
XYZ	74.5657, 79.9640, 90.1018
YIQ	230.2380, -6.6020, -1.4980

Conversions

Conversions Part 2

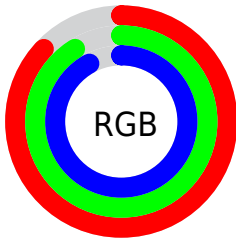
Format	Color
R _Y B	223, 228, 235
Decimal	14674411
CIE Lab	91.67, -2.94, -2.13
CIE LCh	92, 3.636, 215.905
Yxy	79.9640, 0.3048, 0.3269
Android (android.graphics.Color)	4292864491 (0xFFDFE9EB)
YUV	230.2380, 2.3477, -6.3477
Hunter-Lab	89.4226, -7.6460, 2.8555

Details

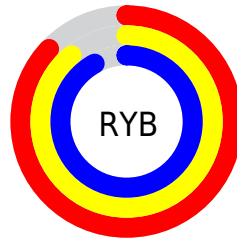
The XYZ color **74.5657, 79.9640, 90.1018** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.5055, 76.8394, 80.7177**, and the grayscale version is **75.3786, 79.3041, 86.3622**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0073, 43.0238, 48.8436** is the 20% darker color. If you saturate the color by 10%, you get **66.7281, 74.3011, 89.4231**, and if you desaturate by 10%, it is **83.4373, 86.2008, 90.8393**.

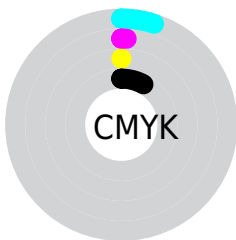
Distribution



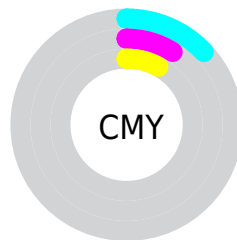
- Red (87%)
- Green (91%)
- Blue (92%)



- Red (87%)
- Yellow (89%)
- Blue (92%)



- Cyan (5%)
- Magenta (1%)
- Yellow (0%)
- Black (8%)



- Cyan (13%)
- Magenta (9%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.5657, 79.9640, 90.1018 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 74.5657, 79.9640, 90.1018 by changing the saturation by 10% instead.

■ 74.5657, 79.9640,
90.1018

■ 74.5657, 79.9640,
90.1018

465.4437,
494.8115, 548.9406

■ 55.5501, 59.6887,
67.4909

124.6886,
133.3151, 149.4165

■ 40.0779, 43.1678,
49.0196

156.5266,
167.1598, 186.9575

■ 27.7838, 30.0168,
34.2693

193.3694,
206.2963, 230.3121

■ 18.3023, 19.8513,
22.8215

235.5825,
251.1092, 279.8991

■ 11.2683, 12.2870,
14.2577

283.5311,
301.9827, 336.1369

■ 6.3162, 6.9395,
8.1593

337.5806,

■ 3.0808, 3.4243,

359.3013, 399.4440

4.1078

398.0963,
423.4495, 470.2391

■ 1.1966, 1.3570,
1.6847

■ 0.1037, 0.1847,
0.3502

■ 74.5657, 79.9640,
90.1018

■ 74.5657, 79.9640,
90.1018

■ 66.7281, 74.3011,
89.4231

■ 83.4373, 86.2008,
90.8393

■ 59.8763, 69.1803,
88.7958

■ 87.6387, 90.0645,
91.3636

■ 53.9685, 64.5821,
88.2196

■ 88.8072, 92.4014,
91.7531

■ 48.9572, 60.4817,
87.6923

■ 90.0007, 94.7883,
92.1509

■ 44.7905, 56.8522,
87.2113

■ 91.2193, 97.2255,
92.5571

■ 41.4113, 53.6639,
86.7740

■ 91.9956, 98.7783,
92.8159

■ 38.7550, 50.8833,
86.3773

■ 36.7467, 48.4714,
86.0176

■ 35.2942, 46.3806,
85.6906

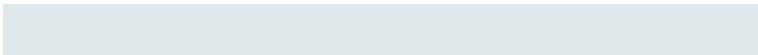
Harmonies

Analogous

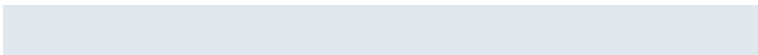
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.2404, 79.9640, 87.5945



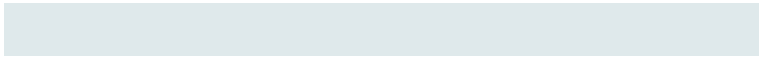
74.5657, 79.9640, 90.1018



75.2765, 79.9640, 91.8211

Triad

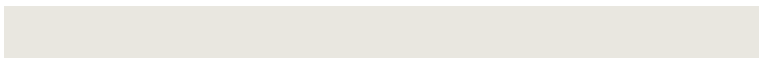
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.5657, 79.9640, 90.1018



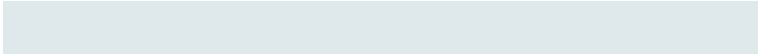
77.6457, 79.9640, 89.1725



75.8198, 79.9640, 82.0772

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



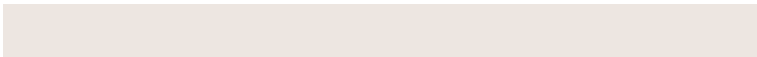
74.5657, 79.9640, 90.1018



74.5055, 76.8394, 80.7177

Split Complementary

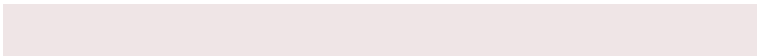
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.7350, 79.9640, 82.4803



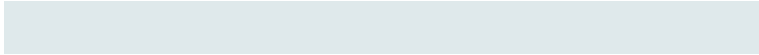
74.5657, 79.9640, 90.1018



77.7940, 79.9640, 86.5420

Square

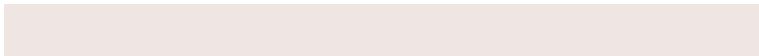
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.5657, 79.9640, 90.1018



77.0557, 79.9640, 91.2769



77.4594, 79.9640, 84.1015



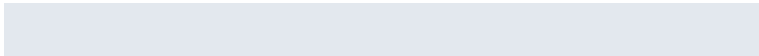
74.9607, 79.9640, 82.9889

Rectangle

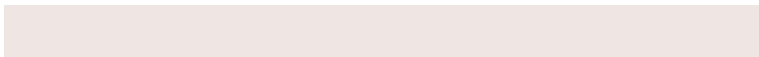
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



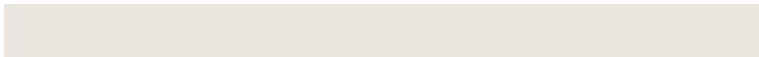
74.5657, 79.9640, 90.1018



75.8759, 79.9640, 92.2701



77.4594, 79.9640, 84.1015



76.1310, 79.9640, 82.0636

Sweetspot

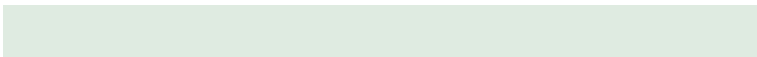
The Sweet Spot groups the original color and five complimentary colors.



74.5680, 79.9674, 90.1036



92.9285, 98.5054, 108.7233



73.7042, 80.5312, 82.7517



19.9128, 21.0999, 23.2731



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

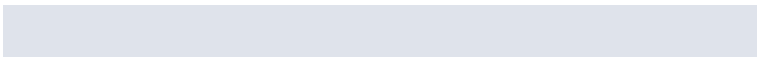
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.5680, 79.9674, 90.1036



88.8369, 95.5997, 108.3781



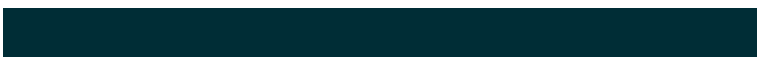
72.9518, 76.7350, 89.5648



15.7840, 17.0239, 19.3763



19.4016, 25.4502, 47.6328



1.5801, 2.1117, 3.7592

Inverse Universe

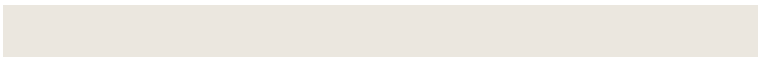
The Inverse Universe completely reimagines the original color for something new.



75.3583, 76.3221, 87.8547



89.9547, 90.4608, 105.1935



76.1014, 80.0310, 81.2497



16.0032, 16.0184, 18.7513



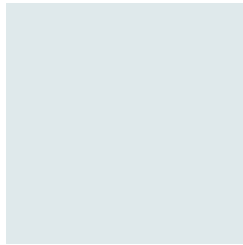
24.6483, 12.0620, 30.2791



1.9641, 0.9586, 2.5282

Previews

White Background



This preview shows how the XYZ color 74.5657, 79.9640, 90.1018 looks on a white background.

Color Contrast Check

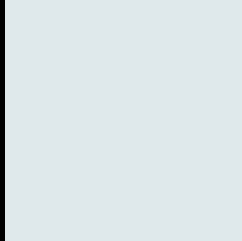
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 74.5657, 79.9640, 90.1018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

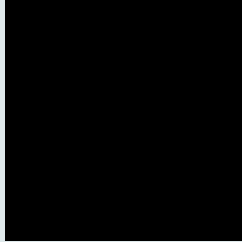
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

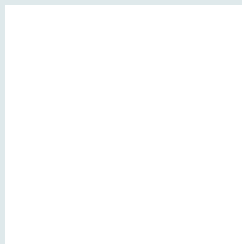
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.5657, 79.9640, 90.1018

Background



This preview shows how black text looks on a background with the XYZ color 74.5657, 79.9640, 90.1018.

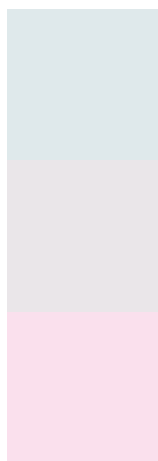


This preview shows how white text looks on a background with the XYZ color 74.5657, 79.9640,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

74.5657, 79.9640, 90.1018

Protanopia

76.9365, 79.9692, 88.4714

Deuteranopia

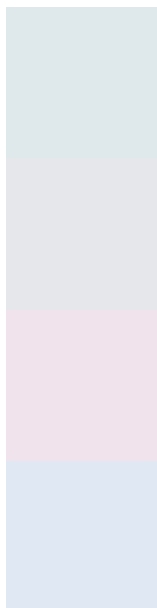
81.3661, 79.7497, 91.2255



Tritanopia

76.7261, 79.9989, 101.0200

Trichromacy



Original Color

74.5657, 79.9640, 90.1018

Protanomaly

76.0603, 79.9153, 89.2583

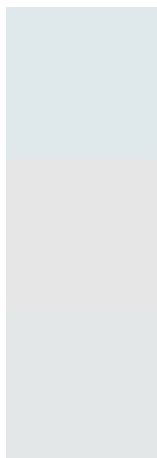
Deuteranomaly

78.5446, 79.5196, 90.5659

Tritanomaly

75.9262, 80.0922, 97.0455

Monochromacy



Original Color

74.5657, 79.9640, 90.1018

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.8200, 79.3089, 87.7086

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5657, 79.9640, 90.1018 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(223, 233, 235) looks like.

```
.text, #text, p{  
    color:rgb(223, 233, 235)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(223, 233, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 233, 235) }
```

Border

The CSS property to change the border of an element to XYZ 74.5657, 79.9640, 90.1018 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(223, 233, 235) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(223, 233, 235) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(223, 233, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 233, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 233, 235);  
box-shadow:4px 4px 4px 4px rgb(223, 233,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5657, 79.9640, 90.1018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 233, 235) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(223,  
233, 235) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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