

Converting Colors

XYZ(74.6815, 79.7225, 90.0025)

Have a look what the booklet for
XYZ(74.6815, 79.7225, 90.0025)
contains.

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Color

**XYZ(74.5925, 79.5587,
90.0222)**

Conversions

Conversions Part 1

Format	Color
Hex	E0E8EB
RGB	224, 232, 235
RGB Percent	88%, 91%, 92%
CMY	0.1216, 0.0902, 0.0784
CMYK	0.05, 0.01, 0.00, 0.08
HSL	196°, 22%, 90%
HSV	196°, 5%, 92%
XYZ	74.5925, 79.5587, 90.0222
YIQ	229.9500, -5.7310, -0.7630

Conversions

Conversions Part 2

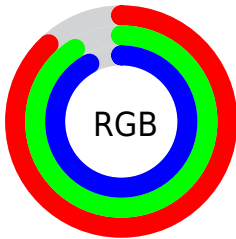
Format	Color
R _Y B	224, 229, 235
Decimal	14739691
CIE Lab	91.49, -2.10, -2.39
CIE LCh	91, 3.185, 228.650
Yxy	79.5587, 0.3055, 0.3258
Android (android.graphics.Color)	4292929771 (0xFFE0E8EB)
YUV	229.9500, 2.4897, -5.2181
Hunter-Lab	89.1957, -6.8166, 2.5976

Details

The XYZ color **74.5925, 79.5587, 90.0222** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **75.1848, 77.9815, 81.6115**, and the grayscale version is **75.1640, 79.0783, 86.1163**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0242, 42.7404, 48.7880** is the 20% darker color. If you saturate the color by 10%, you get **66.0381, 72.5245, 89.1165**, and if you desaturate by 10%, it is **84.2237, 87.2499, 91.0003**.

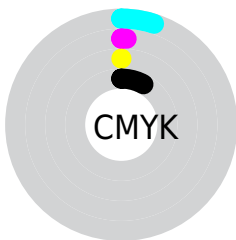
Distribution



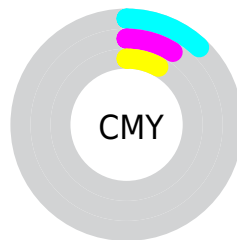
- Red (88%)
- Green (91%)
- Blue (92%)



- Red (88%)
- Yellow (90%)
- Blue (92%)



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



- Cyan (12%)
- Magenta (9%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.5925, 79.5587, 90.0222 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 74.5925, 79.5587, 90.0222 by changing the saturation by 10% instead.

■ 74.5925, 79.5587,
90.0222

■ 74.5925, 79.5587,
90.0222

465.5346,
493.4444, 548.6750

■ 55.5721, 59.3553,
67.4252

124.7264,
132.7451, 149.3050

■ 40.0956, 42.8992,
48.9665

156.5705,
166.4969, 186.8280

■ 27.7976, 29.8060,
34.2275

193.4200,
205.5336, 230.1633

■ 18.3128, 19.6914,
22.7897

235.6402,
250.2395, 279.7296

■ 11.2759, 12.1709,
14.2344

283.5964,
300.9992, 335.9454

■ 6.3214, 6.8602,
8.1433

337.6539,

■ 3.0840, 3.3748,

358.1970, 399.2292

4.0977

398.1782,
422.2172, 469.9995

■ 1.1983, 1.3304,
1.6791

■ 0.1050, 0.1646,
0.3463

■ 74.5925, 79.5587,
90.0222

■ 74.5925, 79.5587,
90.0222

■ 66.0381, 72.5245,
89.1165

■ 84.2237, 87.2499,
91.0003

■ 58.5119, 66.1145,
88.2760

■ 88.8299, 92.4468,
91.7607

■ 51.9717, 60.3083,
87.5000

■ 90.7981, 96.3833,
92.4168

■ 46.3696, 55.0799,
86.7860

■ 91.9956, 98.7783,
92.8159

■ 41.6533, 50.4014,
86.1316

■ 37.7654, 46.2422,
85.5337

■ 34.6412, 42.5677,
84.9891

■ 32.2056, 39.3380,
84.4941

■ 30.3667, 36.5048,
84.0441

Harmonies

Analogous

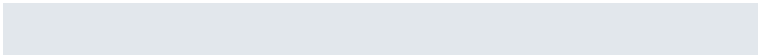
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.1501, 79.5587, 88.0620



74.5925, 79.5587, 90.0222



75.3116, 79.5587, 91.0792

Triad

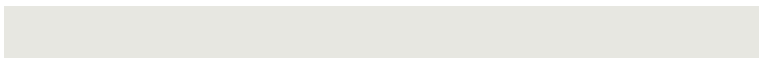
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.5925, 79.5587, 90.0222



77.1575, 79.5587, 87.5079



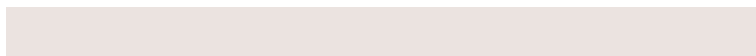
75.1205, 79.5587, 82.4626

Complementary

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



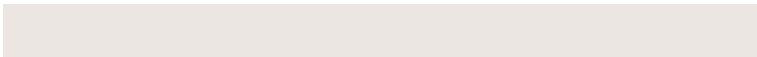
74.5925, 79.5587, 90.0222



75.1848, 77.9815, 81.6115

Split Complementary

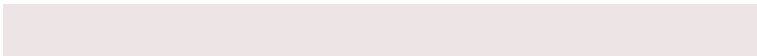
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.9255, 79.5587, 82.3202



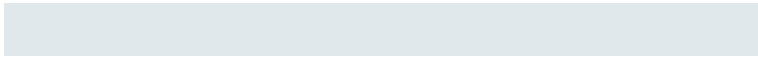
74.5925, 79.5587, 90.0222



77.1055, 79.5587, 85.2055

Square

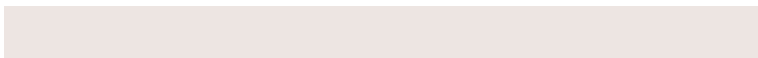
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



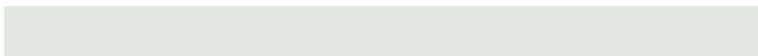
74.5925, 79.5587, 90.0222



76.7949, 79.5587, 89.6103



76.6532, 79.5587, 83.3161



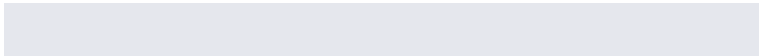
74.4535, 79.5587, 83.7085

Rectangle

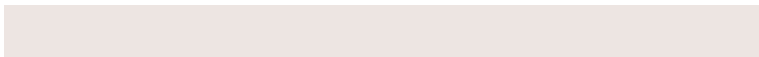
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



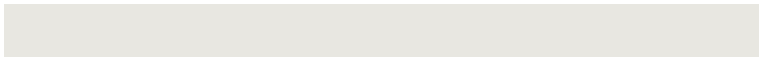
74.5925, 79.5587, 90.0222



75.8529, 79.5587, 91.1170



76.6532, 79.5587, 83.3161



75.3839, 79.5587, 82.2849

Sweetspot

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



74.5948, 79.5621, 90.0239



93.8969, 99.0772, 108.7827



74.3060, 80.8076, 84.3072



20.1100, 21.2163, 23.2852



0.0000, 0.0000, 0.0000



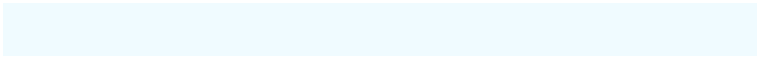
20.3446, 21.4041, 23.3091

Same Dimension

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



74.5948, 79.5621, 90.0239



88.3283, 94.5825, 108.2086



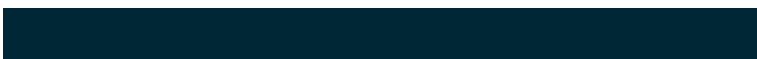
73.0878, 76.5482, 89.5216



15.6842, 16.8242, 19.3430



16.5608, 19.7687, 46.6858



1.3797, 1.7108, 3.6924

Inverse Universe

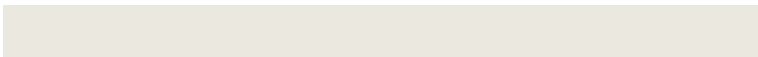
The Inverse Universe completely reimagines the original color for something new.



75.4839, 76.8012, 87.1936



89.6980, 90.3582, 103.8416



76.6955, 81.0028, 82.1151



15.9528, 15.9983, 18.4860



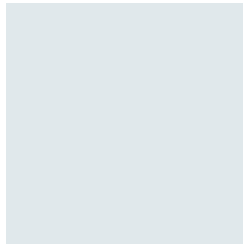
23.2144, 11.4885, 22.7283



1.8629, 0.9181, 1.9953

Previews

White Background



This preview shows how the XYZ color 74.5925, 79.5587, 90.0222 looks on a white background.

Color Contrast Check

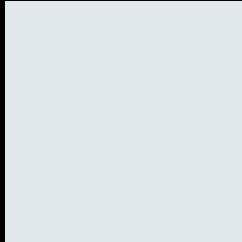
Large Text (above 18pt) WCAG AA × Fail

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 74.5925, 79.5587, 90.0222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

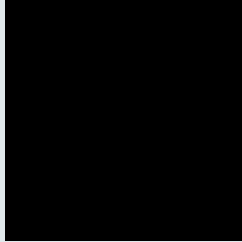
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

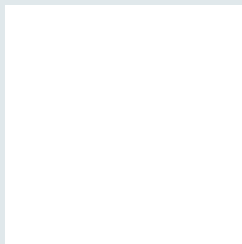
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.5925, 79.5587, 90.0222

Background



This preview shows how black text looks on a background with the XYZ color 74.5925, 79.5587, 90.0222.



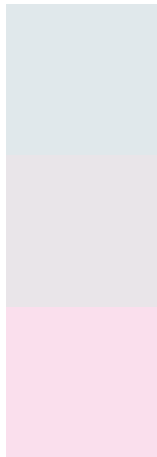
This preview shows how white text looks on a background with the XYZ color 74.5925, 79.5587,

90.0222.

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

74.5925, 79.5587, 90.0222

Protanopia

76.3316, 79.2455, 88.3636

Deuteranopia

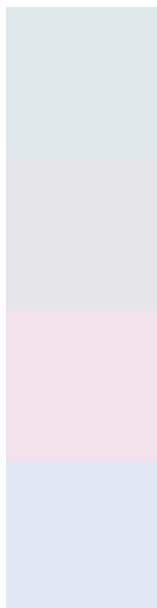
81.0981, 79.2138, 91.1362



Tritanopia

76.6041, 79.5397, 100.1222

Trichromacy



Original Color

74.5925, 79.5587, 90.0222

Protanomaly

75.7812, 79.3571, 89.1653

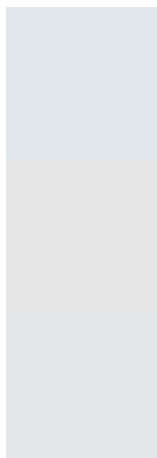
Deuteranomaly

78.6123, 79.1496, 90.4910

Tritanomaly

75.8049, 79.6304, 96.1689

Monochromacy



Original Color

74.5925, 79.5587, 90.0222

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.1363, 79.4720, 87.7235

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5925, 79.5587, 90.0222 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(224, 232, 235) looks like.

```
.text, #text, p{  
    color:rgb(224, 232, 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(224, 232, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 232, 235) }
```

Border

The CSS property to change the border of an element to XYZ 74.5925, 79.5587, 90.0222 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(224, 232, 235) }
```


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

```
.border{ border-color:rgb(224, 232, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 232, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 232, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 232, 235);  
box-shadow:4px 4px 4px 4px rgb(224, 232,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5925, 79.5587, 90.0222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 232, 235) }
```

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

```
.background{ background-color: rgb(224,  
232, 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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