

Converting Colors

XYZ(74.9148, 80.2446, 90.2741)

Have a look what the booklet for
XYZ(74.9148, 80.2446, 90.2741)
contains.

XYZ(74.8748, 80.1233, 90.1163)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(74.8748, 80.1233,
90.1163)**

Conversions

Conversions Part 1

Format	Color
Hex	E0E9EB
RGB	224, 233, 235
RGB Percent	88%, 91%, 92%
CMY	0.1216, 0.0863, 0.0784
CMYK	0.05, 0.01, 0.00, 0.08
HSL	191°, 22%, 90%
HSV	191°, 5%, 92%
XYZ	74.8748, 80.1233, 90.1163
YIQ	230.5370, -6.0060, -1.2860

Conversions

Conversions Part 2

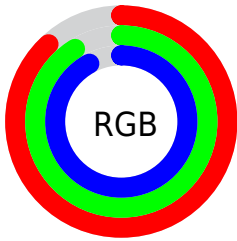
Format	Color
R_{YB}	224, 229, 235
Decimal	14739947
CIE _{Lab}	91.74, -2.62, -2.02
CIE _{LCh}	92, 3.305, 217.655
Yxy	80.1233, 0.3055, 0.3269
Android (android.graphics.Color)	4292930027 (0xFFE0E9EB)
YUV	230.5370, 2.2003, -5.7329
Hunter-Lab	89.5116, -7.3334, 2.9676

Details

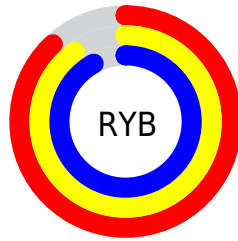
The XYZ color **74.8748, 80.1233, 90.1163** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **74.9121, 77.4360, 81.5206**, and the grayscale version is **75.6010, 79.5381, 86.6170**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2210, 43.1340, 48.8536** is the 20% darker color. If you saturate the color by 10%, you get **66.8968, 74.2420, 89.4028**, and if you desaturate by 10%, it is **83.8931, 86.5888, 90.8902**.

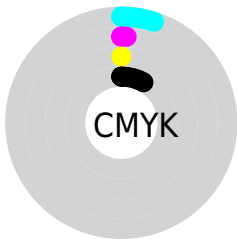
Distribution



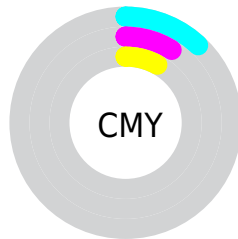
- Red (88%)
- Green (91%)
- Blue (92%)



- 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 74.8748, 80.1233, 90.1163 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 74.8748, 80.1233, 90.1163 by changing the saturation by 10% instead.

■ 74.8748, 80.1233,
90.1163

■ 74.8748, 80.1233,
90.1163

466.4909,
495.3483, 548.9890

■ 55.8041, 59.8198,
67.5028

125.1240,
133.5391, 149.4369

■ 40.2823, 43.2734,
49.0292

157.0332,
167.4202, 186.9811

■ 27.9439, 30.0997,
34.2769

193.9527,
206.5959, 230.3392

■ 18.4236, 19.9143,
22.8273

236.2477,
251.4507, 279.9299

■ 11.3561, 12.3327,
14.2620

284.2837,
302.3689, 336.1717

■ 6.3759, 6.9707,
8.1623

338.4260,

■ 3.1178, 3.4438,

359.7350, 399.4831

4.1097

399.0400,
423.9333, 470.2827

■ 1.2164, 1.3676,
1.6857

■ 0.1192, 0.1926,
0.3509

■ 74.8748, 80.1233,
90.1163

■ 74.8748, 80.1233,
90.1163

■ 66.8968, 74.2420,
89.4028

■ 83.8931, 86.5888,
90.8902

■ 59.9111, 68.9129,
88.7424

■ 87.8495, 90.4861,
91.4339

■ 53.8759, 64.1166,
88.1347

■ 89.1305, 93.0481,
91.8609

■ 48.7438, 59.8283,
87.5775

■ 90.4413, 95.6697,
92.2978

■ 44.4631, 56.0210,
87.0682

■ 91.7821, 98.3512,
92.7447

■ 40.9768, 52.6650,
86.6042

■ 91.9956, 98.7783,
92.8159

■ 38.2209, 49.7270,
86.1823

■ 36.1206, 47.1681,
85.7991

■ 34.5849, 44.9411,
85.4502

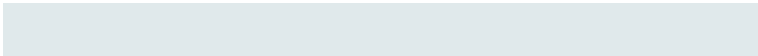
Harmonies

Analogous

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



74.5547, 80.1233, 87.8624



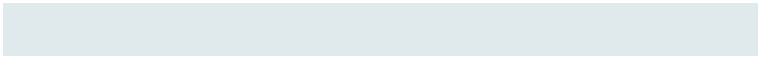
74.8748, 80.1233, 90.1163



75.5383, 80.1233, 91.6187

Triad

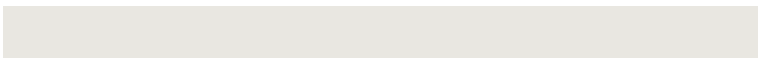
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.8748, 80.1233, 90.1163



77.6685, 80.1233, 89.0230



75.9384, 80.1233, 82.7066

Complementary

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



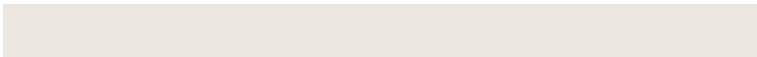
74.8748, 80.1233, 90.1163



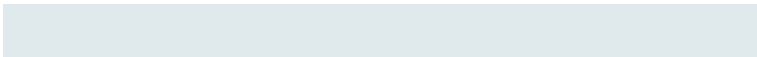
74.9121, 77.4360, 81.5206

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.



76.7746, 80.1233, 83.0044



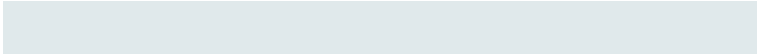
74.8748, 80.1233, 90.1163



77.7776, 80.1233, 86.6219

Square

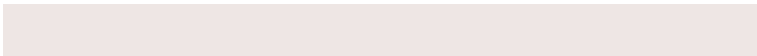
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.8748, 80.1233, 90.1163



77.1524, 80.1233, 90.9794



77.4493, 80.1233, 84.4268



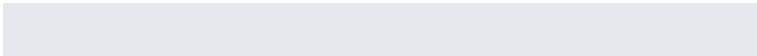
75.1658, 80.1233, 83.6058

Rectangle

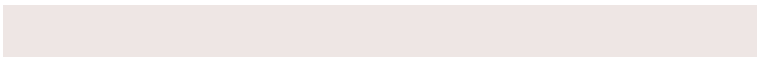
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



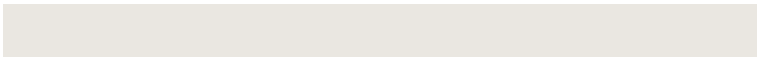
74.8748, 80.1233, 90.1163



76.0883, 80.1233, 91.9764



77.4493, 80.1233, 84.4268



76.2213, 80.1233, 82.6703

Sweetspot

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



74.8771, 80.1267, 90.1181



93.9706, 99.2247, 108.8072



74.1547, 80.7471, 83.5103



20.1250, 21.2463, 23.2902



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

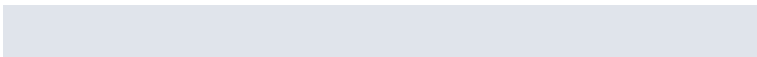
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.8771, 80.1267, 90.1181



88.7640, 95.4540, 108.3538



73.3889, 77.1504, 89.6220



15.7697, 16.9953, 19.3715



18.9658, 24.5787, 47.4875



1.5498, 2.0510, 3.7491

Inverse Universe

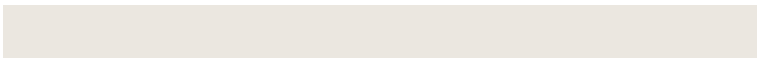
The Inverse Universe completely reimagines the original color for something new.



75.6264, 76.8582, 87.9440



89.9180, 90.4461, 104.9998



76.3861, 80.3839, 82.0119



15.9960, 16.0155, 18.7133



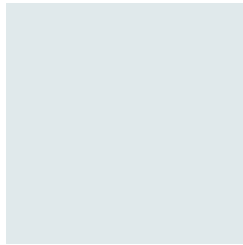
24.4284, 11.9740, 29.1208



1.9487, 0.9525, 2.4475

Previews

White Background



This preview shows how the XYZ color 74.8748, 80.1233, 90.1163 looks on a white background.

Color Contrast Check

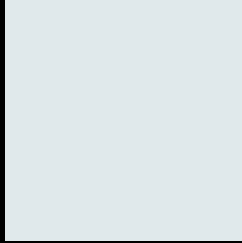
Large Text (above 18pt) WCAG AA × Fail

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 74.8748, 80.1233, 90.1163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

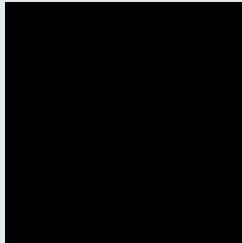
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

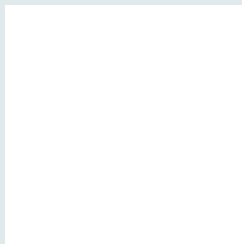
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.8748, 80.1233, 90.1163

Background



This preview shows how black text looks on a background with the XYZ color 74.8748, 80.1233, 90.1163.



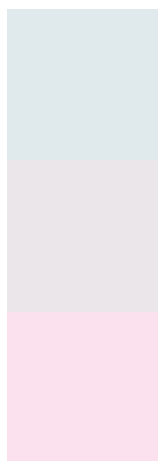
This preview shows how white text looks on a background with the XYZ color 74.8748, 80.1233,

90.1163.

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

74.8748, 80.1233, 90.1163

Protanopia

76.9365, 79.9692, 88.4714

Deuteranopia

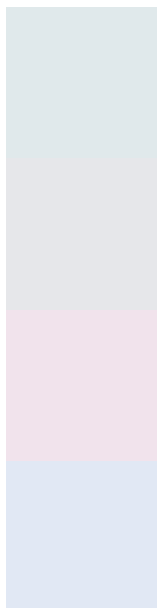
81.7254, 79.9350, 91.2424



Tritanopia

77.0388, 80.1601, 101.0346

Trichromacy



Original Color

74.8748, 80.1233, 90.1163

Protanomaly

76.0603, 79.9153, 89.2583

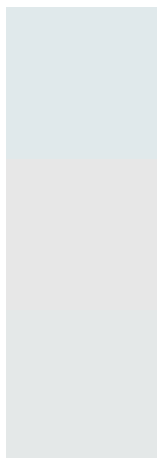
Deuteranomaly

78.8850, 79.6951, 90.5819

Tritanomaly

76.2371, 80.2524, 97.0601

Monochromacy



Original Color

74.8748, 80.1233, 90.1163

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.4170, 80.0334, 87.8170

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.8748, 80.1233, 90.1163 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, 233, 235) looks like.

```
.text, #text, p{  
    color:rgb(224, 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(224, 233, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 233, 235) }
```

Border

The CSS property to change the border of an element to XYZ 74.8748, 80.1233, 90.1163 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, 233, 235) }
```


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

```
.border{ border-color:rgb(224, 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(224, 233, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 233, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 233, 235);  
box-shadow:4px 4px 4px 4px rgb(224, 233,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 74.8748, 80.1233, 90.1163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 233, 235) }
```

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

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