

Converting Colors

XYZ(75.4214, 78.6742, 85.7931)

Have a look what the booklet for
XYZ(75.4214, 78.6742, 85.7931)
contains.

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Color

**XYZ(75.5810, 78.9076,
86.1101)**

Conversions

Conversions Part 1

Format	Color
Hex	E8E5E6
RGB	232, 229, 230
RGB Percent	91%, 90%, 90%
CMY	0.0902, 0.1019, 0.0980
CMYK	0.00, 0.01, 0.01, 0.09
HSL	340°, 6%, 90%
HSV	340°, 1%, 91%
XYZ	75.5810, 78.9076, 86.1101
YIQ	230.0110, 1.4670, 0.9470

Conversions

Conversions Part 2

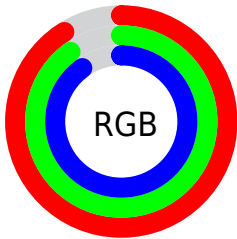
Format	Color
R _Y B	232, 229, 230
Decimal	15263206
CIE Lab	91.19, 1.19, -0.14
CIE LCh	91, 1.199, 353.375
Yxy	78.9076, 0.3141, 0.3280
Android (android.graphics.Color)	4293453286 (0xFFE8E5E6)
YUV	230.0110, -0.0054, 1.7444
Hunter-Lab	88.8299, -3.5756, 4.7063

Details

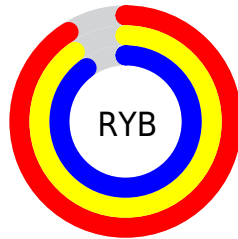
The XYZ color **75.5810, 78.9076, 86.1101** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.5965, 80.1429, 87.0901**, and the grayscale version is **75.2232, 79.1406, 86.1841**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.7784, 42.5974, 46.6303** is the 20% darker color. If you saturate the color by 10%, you get **67.5072, 66.0864, 73.1618**, and if you desaturate by 10%, it is **84.7103, 93.5285, 100.3655**.

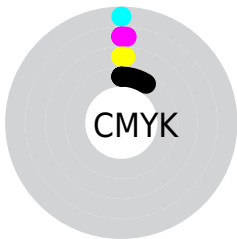
Distribution



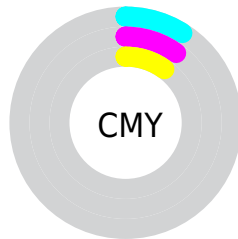
- Red (91%)
- Green (90%)
- Blue (90%)



- Red (91%)
- Yellow (90%)
- Blue (90%)



- Cyan (0%)
- Magenta (1%)
- Yellow (1%)
- Black (9%)



- Cyan (9%)
- Magenta (10%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.5810, 78.9076, 86.1101 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 75.5810, 78.9076, 86.1101 by changing the saturation by 10% instead.

■ 75.5810, 78.9076,
86.1101

■ 75.5810, 78.9076,
86.1101

468.8786,
491.2437, 535.5343

■ 56.3848, 58.8198,
64.2036

126.1180,
131.8288, 143.8110

■ 40.7498, 42.4681,
46.3684

158.1895,
165.4310, 180.4425

■ 28.3104, 29.4680,
32.1858

195.2835,
204.3068, 222.8195

■ 18.7014, 19.4351,
21.2375

237.7654,
248.8406, 271.3603

■ 11.5575, 11.9851,
13.1048

286.0005,
299.4168, 326.4837

■ 6.5132, 6.7335,
7.3692

340.3542,

■ 3.2031, 3.2960,

356.4198, 388.6081

3.6121

401.1918,
420.2340, 458.1521

■ 1.2621, 1.2882,
1.4151

■ 0.1546, 0.1320,
0.1534

■ 75.5810, 78.9076,
86.1101

■ 75.5810, 78.9076,
86.1101

■ 67.5072, 66.0864,
73.1618

■ 84.7103, 93.5285,
100.3655

■ 60.4435, 54.9852,
61.4778

■ 87.0892, 95.8961,
108.5274

■ 54.3510, 45.5334,
51.0205

■ 49.1854, 37.6514,
41.7482

■ 44.8992, 31.2531,
33.6169

■ 41.4403, 26.2440,
26.5796

■ 38.7509, 22.5187,
20.5857

■ 36.7651, 19.9563,
15.5799

■ 35.4051, 18.4125,
11.5005

Harmonies

Analogous

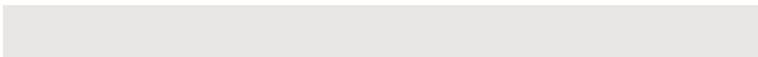
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.4691, 78.9076, 86.9188



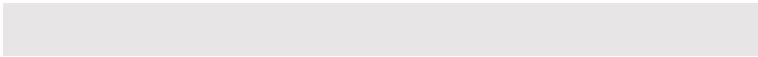
75.5810, 78.9076, 86.1101



75.5367, 78.9076, 85.2550

Triad

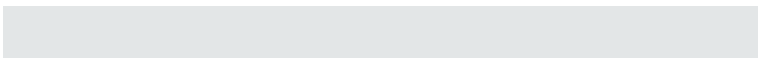
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.5810, 78.9076, 86.1101



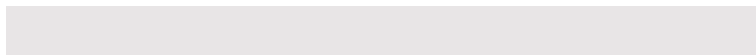
74.7678, 78.9076, 84.3906



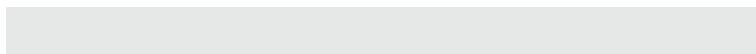
74.6514, 78.9076, 87.2665

Complementary

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



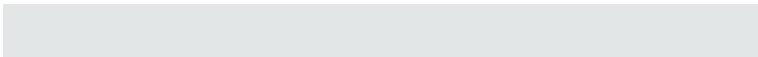
75.5810, 78.9076, 86.1101



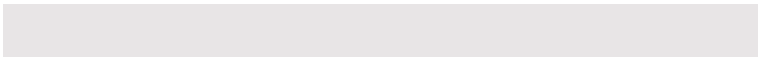
75.5965, 80.1429, 87.0901

Split Complementary

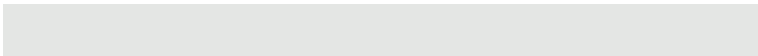
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.4644, 78.9076, 86.5824



75.5810, 78.9076, 86.1101



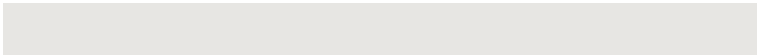
74.5315, 78.9076, 84.9229

Square

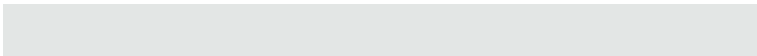
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



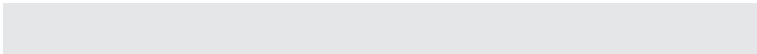
75.5810, 78.9076, 86.1101



75.0667, 78.9076, 84.2660



74.4206, 78.9076, 85.7241



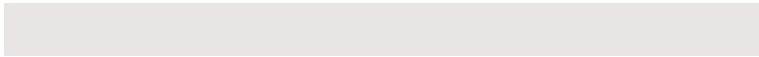
74.9319, 78.9076, 87.5893

Rectangle

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



75.5810, 78.9076, 86.1101



75.4247, 78.9076, 84.7732



74.4206, 78.9076, 85.7241



74.5755, 78.9076, 87.0709

Sweetspot

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



75.5832, 78.9110, 86.1118

95.0500, 100.0000, 108.9000



75.5425, 78.8574, 87.5846



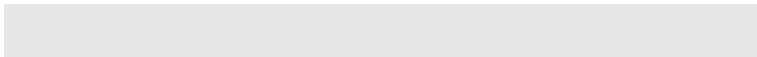
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

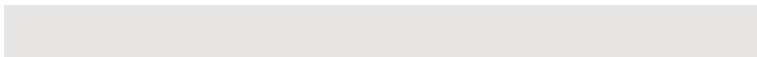
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.5832, 78.9110, 86.1118



92.9012, 96.5717, 105.5037



75.5821, 79.1319, 85.4231



15.8748, 16.5141, 18.0381



19.2735, 9.8436, 5.0694



1.4661, 0.7441, 0.5949

Inverse Universe

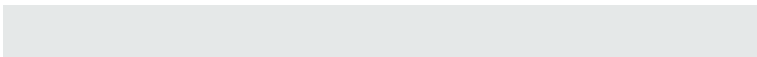
The Inverse Universe completely reimagines the original color for something new.



75.5832, 78.9110, 86.1118



92.9012, 96.5717, 105.5037



75.5973, 79.9186, 87.7866



15.8748, 16.5141, 18.0381



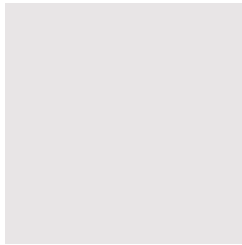
19.2735, 9.8436, 5.0694



1.4661, 0.7441, 0.5949

Previews

White Background



This preview shows how the XYZ color 75.5810, 78.9076, 86.1101 looks on a white background.

Color Contrast Check

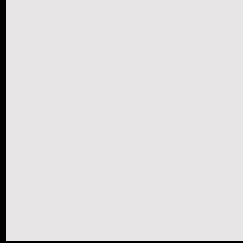
Large Text (above 18pt) WCAG AA × Fail

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 75.5810, 78.9076, 86.1101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

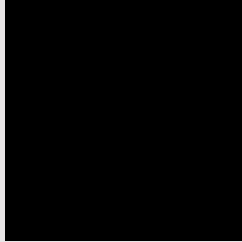
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

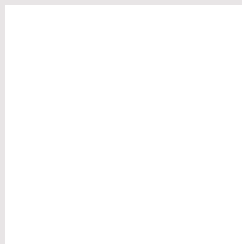
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.5810, 78.9076, 86.1101

Background



This preview shows how black text looks on a background with the XYZ color 75.5810, 78.9076, 86.1101.

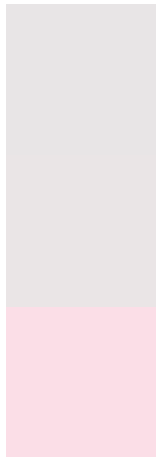


This preview shows how white text looks on a background with the XYZ color 75.5810, 78.9076,

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

75.5810, 78.9076, 86.1101

Protanopia

76.2339, 79.2442, 86.1406

Deuteranopia

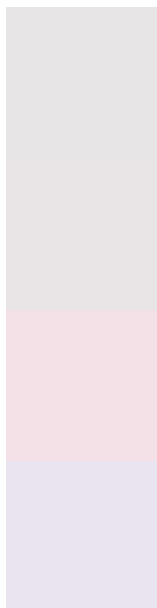
80.3287, 78.5213, 86.5237



Tritanopia

77.8822, 79.0232, 97.5344

Trichromacy



Original Color

75.5810, 78.9076, 86.1101

Protanomaly

75.9065, 79.0754, 86.1253

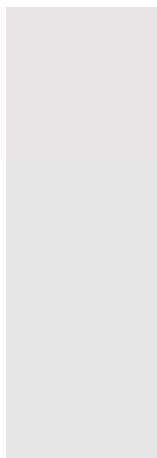
Deuteranomaly

78.6572, 78.8530, 86.6758

Tritanomaly

77.0759, 79.1017, 93.6439

Monochromacy



Original Color

75.5810, 78.9076, 86.1101

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.5347, 79.2957, 86.1874

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.5810, 78.9076, 86.1101 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(232, 229, 230) looks like.

```
.text, #text, p{  
    color:rgb(232, 229, 230)  
}
```

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(232, 229, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 229, 230) }
```

Border

The CSS property to change the border of an element to XYZ 75.5810, 78.9076, 86.1101 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(232, 229, 230) }
```

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

```
.border{ border-color:rgb(232, 229, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 229, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 229, 230); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 229, 230); box-shadow:4px 4px 4px 4px rgb(232, 229, 230) }
```


Background

The CSS property to change the background color of an element to XYZ 75.5810, 78.9076, 86.1101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 229, 230) }
```

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

```
.background{ background-color: rgb(232,  
229, 230) }
```

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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