

Converting Colors

XYZ(72.7968, 76.0138, 80.9772)

Have a look what the booklet for
XYZ(72.7968, 76.0138, 80.9772)
contains.

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Color

**XYZ(72.5576, 75.8362,
80.6257)**

Conversions

Conversions Part 1

Format	Color
Hex	E5E1DF
RGB	229, 225, 223
RGB Percent	90%, 88%, 87%
CMY	0.1020, 0.1176, 0.1255
CMYK	0.00, 0.02, 0.03, 0.10
HSL	20°, 10%, 89%
HSV	20°, 3%, 90%
XYZ	72.5576, 75.8362, 80.6257
YIQ	225.9680, 3.0260, 0.2260

Conversions

Conversions Part 2

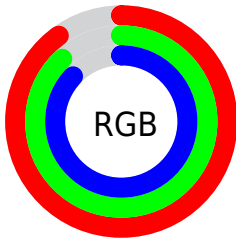
Format	Color
R_{YB}	229, 226, 223
Decimal	15065567
CIE _{Lab}	89.78, 1.00, 1.44
CIE _{LCh}	90, 1.760, 55.186
Yxy	75.8362, 0.3168, 0.3311
Android (android.graphics.Color)	4293255647 (0xFFE5E1DF)
YUV	225.9680, -1.4632, 2.6591
Hunter-Lab	87.0840, -3.6724, 6.0658

Details

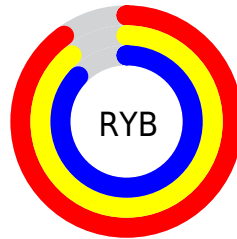
The XYZ color **72.5576, 75.8362, 80.6257** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.0433, 76.2821, 85.0565**, and the grayscale version is **72.2762, 76.0402, 82.8078**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.8982, 40.5753, 42.8274** is the 20% darker color. If you saturate the color by 10%, you get **65.7367, 66.8051, 64.1358**, and if you desaturate by 10%, it is **80.1687, 85.7774, 99.4411**.

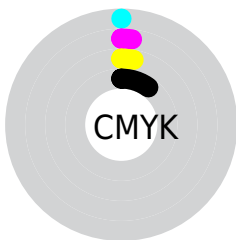
Distribution



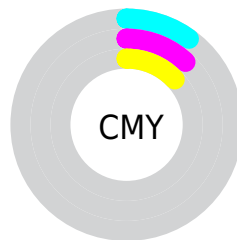
- Red (90%)
- Green (88%)
- Blue (87%)



- Red (90%)
- Yellow (89%)
- Blue (87%)



- Cyan (0%)
- Magenta (2%)
- Yellow (3%)
- Black (10%)



- Cyan (10%)
- Magenta (12%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.5576, 75.8362, 80.6257 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 72.5576, 75.8362, 80.6257 by changing the saturation by 10% instead.

■ 72.5576, 75.8362,
80.6257

■ 72.5576, 75.8362,
80.6257

458.6077,
480.7868, 516.8013

■ 53.9014, 56.2982,
59.7042

121.8555,
127.4953, 136.0644

■ 38.7532, 40.4421,
42.7565

153.2279,
160.3853, 171.4187

■ 26.7476, 27.8834,
29.3641

189.5697,
198.4946, 212.4210

■ 17.5194, 18.2378,
19.1085

231.2463,
242.2078, 259.4898

■ 10.7031, 11.1208,
11.5711

278.6230,
291.9093, 313.0437

■ 5.9334, 6.1482,
6.3334

332.0653,

■ 2.8449, 2.9354,

347.9833, 373.5012

2.9768

391.9383,
410.8143, 441.2809

■ 1.0723, 1.0981,
1.0828

■ 0.0017, 0.0000,
0.0000

■ 72.5576, 75.8362,
80.6257

■ 72.5576, 75.8362,
80.6257

■ 65.7367, 66.8051,
64.1358

■ 80.1687, 85.7774,
99.4411

■ 59.6734, 58.6486,
49.8755

■ 86.1235, 95.3982,
108.4822

■ 54.3421, 51.3428,
37.7496

■ 49.7132, 44.8591,
27.6540

■ 45.7550, 39.1675,
19.4761

■ 42.4332, 34.2357,
13.0917

■ 39.7100, 30.0291,
8.3621

■ 37.5430, 26.5099,
5.1279

■ 35.8828, 23.6361,
3.1972

Harmonies

Analogous

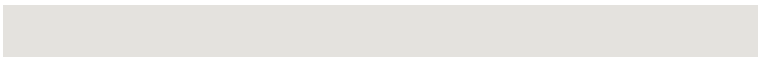
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.8380, 75.8362, 81.5596



72.5576, 75.8362, 80.6257



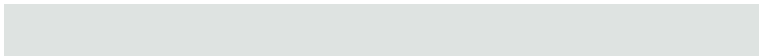
72.1501, 75.8362, 80.2136

Triad

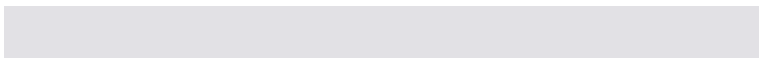
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.5576, 75.8362, 80.6257



71.2515, 75.8362, 82.3723



72.4358, 75.8362, 84.7548

Complementary

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



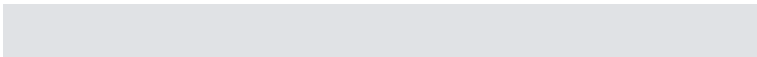
72.5576, 75.8362, 80.6257



72.0433, 76.2821, 85.0565

Split Complementary

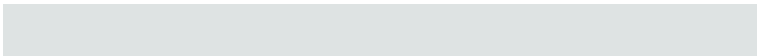
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.0100, 75.8362, 84.9777



72.5576, 75.8362, 80.6257



71.3274, 75.8362, 83.5942

Square

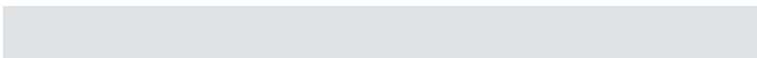
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



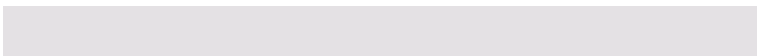
72.5576, 75.8362, 80.6257



71.3969, 75.8362, 81.2155



71.6046, 75.8362, 84.5509



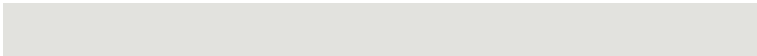
72.7675, 75.8362, 83.9450

Rectangle

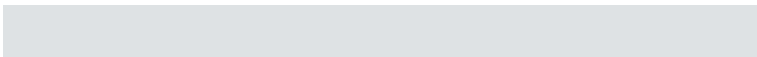
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



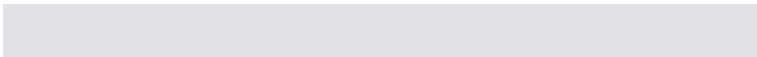
72.5576, 75.8362, 80.6257



71.8616, 75.8362, 80.2872



71.6046, 75.8362, 84.5509



72.2989, 75.8362, 84.9012

Sweetspot

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



72.5597, 75.8395, 80.6273



94.1027, 98.7581, 106.5723



72.5669, 74.9806, 83.3221



20.1518, 21.1514, 22.8354



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.



72.5597, 75.8395, 80.6273



92.2387, 96.3094, 102.0072



73.3768, 77.4736, 80.8997



15.6210, 16.2779, 17.1162



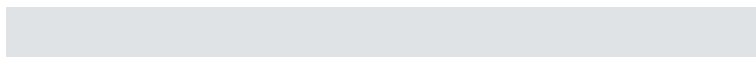
20.0712, 12.7165, 1.3967



1.5662, 1.1058, 0.1309

Inverse Universe

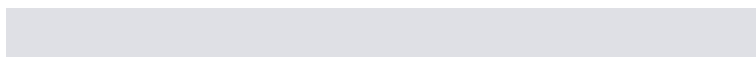
The Inverse Universe completely reimagines the original color for something new.



72.0433, 76.2821, 85.0565



91.4816, 96.9583, 108.5010



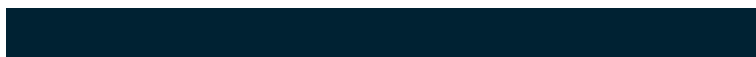
71.2310, 74.6576, 84.7858



15.4598, 16.4160, 18.4981



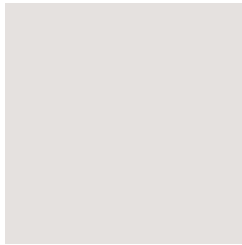
14.6685, 16.3991, 44.7754



1.1686, 1.3811, 3.3370

Previews

White Background



This preview shows how the XYZ color 72.5576, 75.8362, 80.6257 looks on a white background.

Color Contrast Check

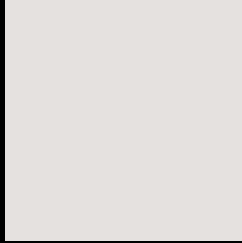
Large Text (above 18pt) WCAG AA × Fail

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 72.5576, 75.8362, 80.6257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

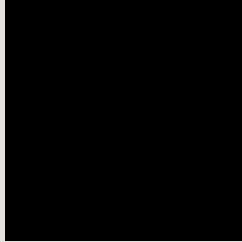
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

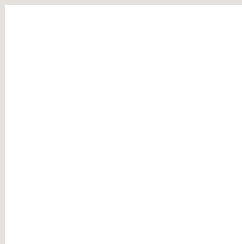
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.5576, 75.8362, 80.6257

Background



This preview shows how black text looks on a background with the XYZ color 72.5576, 75.8362, 80.6257.



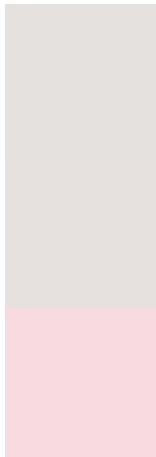
This preview shows how white text looks on a background with the XYZ color 72.5576, 75.8362,

80.6257.

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

72.5576, 75.8362, 80.6257

Protanopia

72.8776, 76.0011, 80.6407

Deuteranopia

77.2373, 75.4811, 81.0195



Tritanopia

75.1282, 75.6896, 93.0880

Trichromacy



Original Color

72.5576, 75.8362, 80.6257

Protanomaly

72.8776, 76.0011, 80.6407

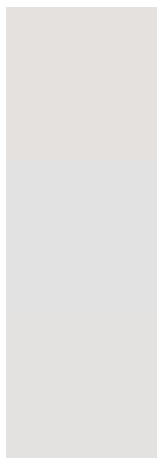
Deuteranomaly

75.5866, 75.7955, 81.1672

Tritanomaly

74.1940, 75.7048, 88.5439

Monochromacy



Original Color

72.5576, 75.8362, 80.6257

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.4655, 76.1598, 82.1151

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.5576, 75.8362, 80.6257 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(229, 225, 223) looks like.

```
.text, #text, p{  
    color:rgb(229, 225, 223)  
}
```

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(229, 225, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 225, 223) }
```

Border

The CSS property to change the border of an element to XYZ 72.5576, 75.8362, 80.6257 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(229, 225, 223) }
```


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

```
.border{ border-color:rgb(229, 225, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 225, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 225, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 225, 223);  
box-shadow:4px 4px 4px 4px rgb(229, 225,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 72.5576, 75.8362, 80.6257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 225, 223) }
```

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

```
.background{ background-color: rgb(229,  
225, 223) }
```

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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