

Converting Colors

XYZ(72.8748, 76.7276, 83.1578)

Have a look what the booklet for
XYZ(72.8748, 76.7276, 83.1578)
contains.

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Color

**XYZ(72.8751, 76.7601,
82.9267)**

Conversions

Conversions Part 1

Format	Color
Hex	E3E3E2
RGB	227, 227, 226
RGB Percent	89%, 89%, 89%
CMY	0.1098, 0.1098, 0.1137
CMYK	0.00, 0.00, 0.00, 0.11
HSL	60°, 2%, 89%
HSV	60°, 0%, 89%
XYZ	72.8751, 76.7601, 82.9267
YIQ	226.8860, 0.3210, -0.3110

Conversions

Conversions Part 2

Format	Color
R _Y B	226, 227, 226
Decimal	14935010
CIE Lab	90.21, -0.17, 0.48
CIE LCh	90, 0.508, 110.006
Yxy	76.7601, 0.3134, 0.3301
Android (android.graphics.Color)	4293125090 (0xFFE3E3E2)
YUV	226.8860, -0.4368, 0.1000
Hunter-Lab	87.6128, -4.8487, 5.2102

Details

The XYZ color **72.8751, 76.7601, 82.9267** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.4285, 76.1096, 83.5503**, and the grayscale version is **72.9356, 76.7340, 83.5633**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.1165, 41.2160, 44.4219** is the 20% darker color. If you saturate the color by 10%, you get **69.9352, 75.5831, 67.5912**, and if you desaturate by 10%, it is **76.2319, 78.1087, 100.4377**.

Distribution



Red (89%)

Green (89%)

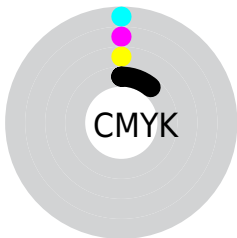
Blue (89%)



Red (89%)

Yellow (89%)

Blue (89%)

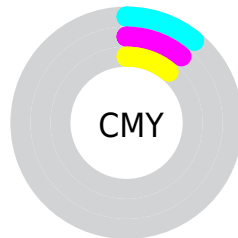


Cyan (0%)

Magenta (0%)

Yellow (0%)

Black (11%)



Cyan (11%)

Magenta (11%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.8751, 76.7601, 82.9267 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 72.8751, 76.7601, 82.9267 by changing the saturation by 10% instead.

■ 72.8751, 76.7601,
82.9267

■ 72.8751, 76.7601,
82.9267

459.6923,
483.9457, 524.7068

■ 54.1619, 57.0560,
61.5894

122.3040,
128.8008, 139.3211

■ 38.9623, 41.0502,
44.2674

153.7503,
161.9062, 175.2153

■ 26.9110, 28.3583,
30.5420

190.1717,
200.2474, 216.7989

■ 17.6426, 18.5959,
19.9948

231.9336,
244.2089, 264.4905

■ 10.7918, 11.3787,
12.2072

279.4012,
294.1751, 318.7085

■ 5.9933, 6.3221,
6.7607

332.9399,

■ 2.8816, 3.0419,

350.5304, 379.8715

3.2368

392.9152,
413.6591, 448.3981

■ 1.0915, 1.1537,
1.2168

■ 0.0180, 0.0234,
0.0000

■ 72.8751, 76.7601,
82.9267

■ 72.8751, 76.7601,
82.9267

■ 69.9352, 75.5831,
67.5912

■ 76.2319, 78.1087,
100.4377

■ 67.3895, 74.5614,
54.3414

■ 77.2593, 78.5231,
105.6922

■ 65.2231, 73.6914,
43.0888

■ 77.2891, 78.5385,
105.6936

■ 63.4177, 72.9658,
33.7366

■ 77.3190, 78.5539,
105.6950

61.9532, 72.3766,
26.1800

77.3489, 78.5693,
105.6964

60.8078, 71.9150,
20.3039

77.3788, 78.5847,
105.6978

59.9573, 71.5713,
15.9801

77.4088, 78.6002,
105.6992

59.3737, 71.3345,
13.0618

77.4387, 78.6156,
105.7006

59.0238, 71.1911,
11.3742

77.4687, 78.6310,
105.7020

Harmonies

Analogous

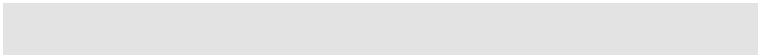
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.0003, 76.7601, 82.8954



72.8751, 76.7601, 82.9267



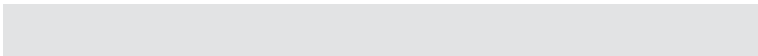
72.7722, 76.7601, 83.1324

Triad

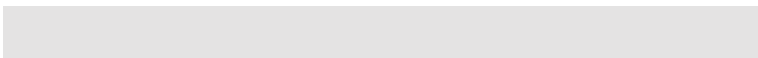
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.8751, 76.7601, 82.9267



72.8022, 76.7601, 84.1128



73.1977, 76.7601, 83.6995

Complementary

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



72.8751, 76.7601, 82.9267



72.4285, 76.1096, 83.5503

Split Complementary

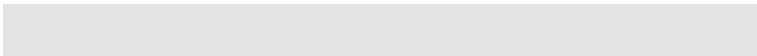
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.1444, 76.7601, 84.0266



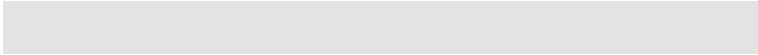
72.8751, 76.7601, 82.9267



72.9160, 76.7601, 84.2657

Square

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



72.8751, 76.7601, 82.9267



72.7302, 76.7601, 83.8169



73.0413, 76.7601, 84.2341



73.1867, 76.7601, 83.3409

Rectangle

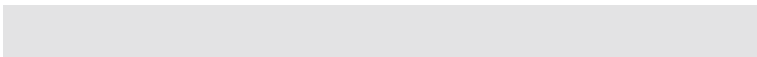
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.8751, 76.7601, 82.9267



72.7301, 76.7601, 83.3411



73.0413, 76.7601, 84.2341



73.1867, 76.7601, 83.8168

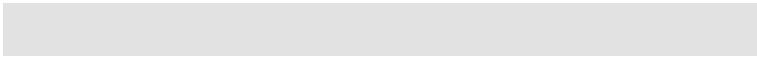
Sweetspot

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



72.8773, 76.7634, 82.9284

95.0500, 100.0000, 108.9000



72.6048, 76.2164, 82.8372



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

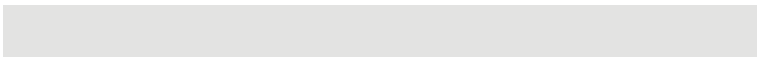
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.8773, 76.7634, 82.9284



94.6382, 99.8348, 106.7519



72.7205, 76.6826, 82.9210



16.1537, 17.0380, 18.2385



34.3244, 41.4763, 6.1966



2.5384, 3.0660, 0.4580

Inverse Universe

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



72.4285, 76.1096, 83.5503



93.3138, 97.9053, 108.5872



72.5848, 76.1902, 83.5576



15.9412, 16.7283, 18.5330



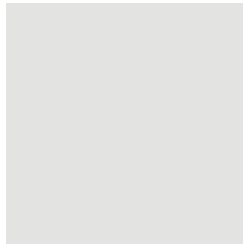
8.0955, 3.2393, 42.5817



0.6002, 0.2404, 3.1467

Previews

White Background



This preview shows how the XYZ color 72.8751, 76.7601, 82.9267 looks on a white background.

Color Contrast Check

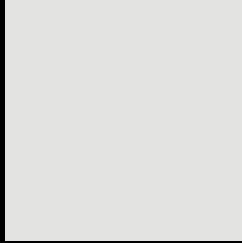
Large Text (above 18pt) WCAG AA × Fail

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 72.8751, 76.7601, 82.9267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

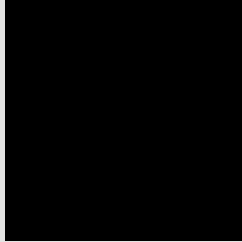
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

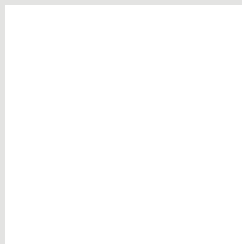
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.8751, 76.7601, 82.9267

Background



This preview shows how black text looks on a background with the XYZ color 72.8751, 76.7601, 82.9267.



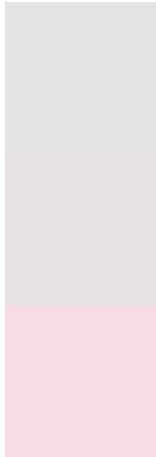
This preview shows how white text looks on a background with the XYZ color 72.8751, 76.7601,

82.9267.

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

72.8751, 76.7601, 82.9267

Protanopia

73.7420, 76.8179, 82.1749

Deuteranopia

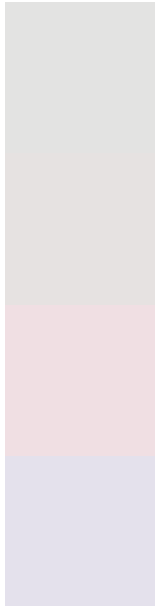
78.1697, 76.6889, 83.3555



Tritanopia

74.9958, 76.3801, 94.7945

Trichromacy



Original Color

72.8751, 76.7601, 82.9267

Protanomaly

73.4201, 76.6519, 82.1598

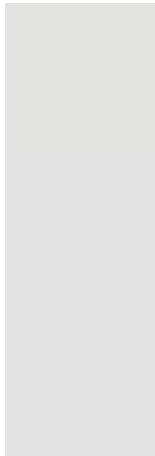
Deuteranomaly

76.1880, 76.8467, 83.4904

Tritanomaly

74.0604, 76.4005, 90.2003

Monochromacy



Original Color

72.8751, 76.7601, 82.9267

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.0128, 76.8151, 83.6517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.8751, 76.7601, 82.9267 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(227, 227, 226) looks like.

```
.text, #text, p{  
    color:rgb(227, 227, 226)  
}
```

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(227, 227, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 227, 226) }
```

Border

The CSS property to change the border of an element to XYZ 72.8751, 76.7601, 82.9267 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(227, 227, 226) }
```

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

```
.border{ border-color:rgb(227, 227, 226) }
```

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

Here you see how a box with a 4 pixel rgb(227, 227, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 227, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 227, 226);  
box-shadow:4px 4px 4px 4px rgb(227, 227,  
226) }
```


Background

The CSS property to change the background color of an element to XYZ 72.8751, 76.7601, 82.9267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 227, 226) }
```

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

```
.background{ background-color: rgb(227,  
227, 226) }
```

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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