

Converting Colors

XYZ(73.0492, 76.4465, 82.8600)

Have a look what the booklet for
XYZ(73.0492, 76.4465, 82.8600)
contains.

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Color

**XYZ(72.9187, 76.3777,
82.8506)**

Conversions

Conversions Part 1

Format	Color
Hex	E4E2E2
RGB	228, 226, 226
RGB Percent	89%, 89%, 89%
CMY	0.1059, 0.1137, 0.1137
CMYK	0.00, 0.01, 0.01, 0.11
HSL	0°, 4%, 89%
HSV	0°, 1%, 89%
XYZ	72.9187, 76.3777, 82.8506
YIQ	226.5980, 1.1920, 0.4240

Conversions

Conversions Part 2

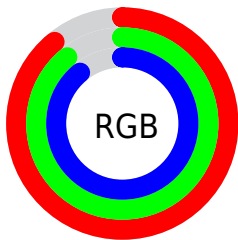
Format	Color
R _Y B	228, 226, 226
Decimal	15000290
CIE Lab	90.03, 0.68, 0.23
CIE LCh	90, 0.716, 18.618
Yxy	76.3777, 0.3141, 0.3290
Android (android.graphics.Color)	4293190370 (0xFFE4E2E2)
YUV	226.5980, -0.2948, 1.2296
Hunter-Lab	87.3943, -4.0061, 4.9686

Details

The XYZ color **72.9187, 76.3777, 82.8506** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.1109, 77.2558, 84.4582**, and the grayscale version is **72.7251, 76.5124, 83.3220**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.1472, 40.9503, 44.3690** is the 20% darker color. If you saturate the color by 10%, you get **64.2142, 63.6462, 65.5263**, and if you desaturate by 10%, it is **82.8648, 90.9244, 102.6431**.

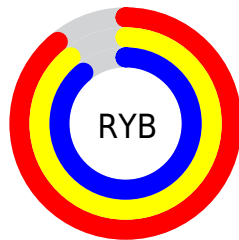
Distribution



Red (89%)

Green (89%)

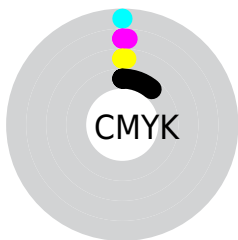
Blue (89%)



Red (89%)

Yellow (89%)

Blue (89%)

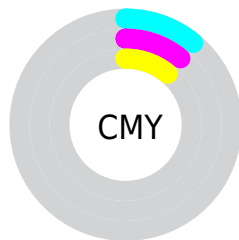


Cyan (0%)

Magenta (1%)

Yellow (1%)

Black (11%)



Cyan (11%)

Magenta (11%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.9187, 76.3777, 82.8506 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 72.9187, 76.3777, 82.8506 by changing the saturation by 10% instead.

■ 72.9187, 76.3777,
82.8506

■ 72.9187, 76.3777,
82.8506

459.8411,
482.6397, 524.4464

■ 54.1976, 56.7423,
61.5270

122.3655,
128.2607, 139.2136

■ 38.9910, 40.7984,
44.2173

153.8220,
161.2770, 175.0900

■ 26.9334, 28.1616,
30.5029

190.2543,
199.5224, 216.6545

■ 17.6595, 18.4475,
19.9654

232.0279,
243.3813, 264.3256

■ 10.8040, 11.2717,
12.1860

279.5080,
293.2381, 318.5218

■ 6.0015, 6.2499,
6.7464

333.0600,

■ 2.8867, 2.9976,

349.4771, 379.6616

3.2280

393.0492,
412.4829, 448.1636

■ 1.0941, 1.1305,
1.2122

■ 0.0202, 0.0038,
0.0000

■ 72.9187, 76.3777,
82.8506

■ 72.9187, 76.3777,
82.8506

■ 64.2142, 63.6462,
65.5263

■ 82.8648, 90.9244,
102.6431

■ 56.6962, 52.6494,
50.5688

■ 85.8053, 95.2342,
108.4674

■ 50.3156, 43.3151,
37.8768

■ 45.0168, 35.5625,
27.3399

■ 40.7400, 29.3041,
18.8385

■ 37.4194, 24.4437,
12.2413

■ 34.9814, 20.8740,
7.4018

■ 33.3421, 18.4723,
4.1519

■ 32.4010, 17.0919,
2.2911

Harmonies

Analogous

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



72.9299, 76.3777, 83.3554



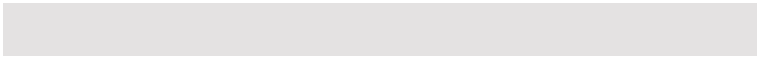
72.9187, 76.3777, 82.8506



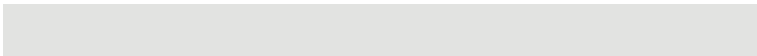
72.8206, 76.3777, 82.4309

Triad

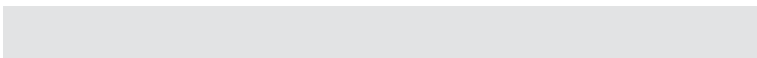
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.9187, 76.3777, 82.8506



72.3389, 76.3777, 82.5177



72.5274, 76.3777, 84.1245

Complementary

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



72.9187, 76.3777, 82.8506



73.1109, 77.2558, 84.4582

Split Complementary

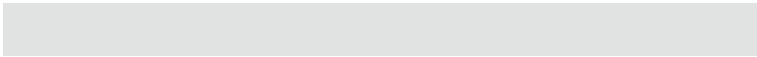
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.3693, 76.3777, 83.8980



72.9187, 76.3777, 82.8506



72.2606, 76.3777, 82.9695

Square

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



72.9187, 76.3777, 82.8506



72.4858, 76.3777, 82.2393



72.2717, 76.3777, 83.4748



72.7038, 76.3777, 84.0923

Rectangle

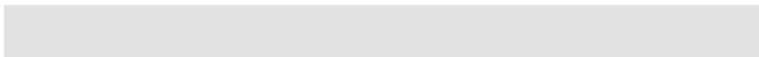
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



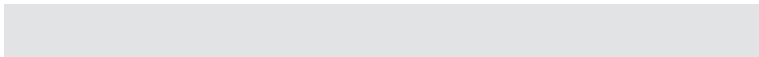
72.9187, 76.3777, 82.8506



72.7192, 76.3777, 82.2553



72.2717, 76.3777, 83.4748



72.4703, 76.3777, 84.0760

Sweetspot

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



72.9209, 76.3810, 82.8523

95.0500, 100.0000, 108.9000



73.1959, 76.4892, 84.3058



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.



72.9209, 76.3810, 82.8523



93.8356, 98.2239, 106.4832



73.1925, 76.9242, 82.9428



16.0249, 16.7794, 18.1954



18.4789, 9.5320, 0.8659



1.3664, 0.7060, 0.0643

Inverse Universe

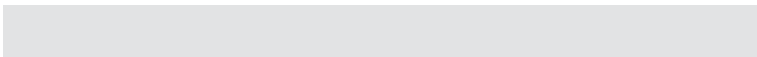
The Inverse Universe completely reimagines the original color for something new.



73.1109, 77.2558, 84.4582



94.1164, 99.5163, 108.8558



72.8378, 76.7094, 84.3672



16.0700, 16.9869, 18.5761



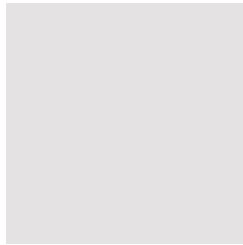
24.0347, 35.1315, 47.8975



1.7769, 2.5977, 3.5397

Previews

White Background



This preview shows how the XYZ color 72.9187, 76.3777, 82.8506 looks on a white background.

Color Contrast Check

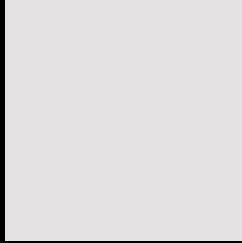
Large Text (above 18pt) WCAG AA × Fail

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 72.9187, 76.3777, 82.8506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

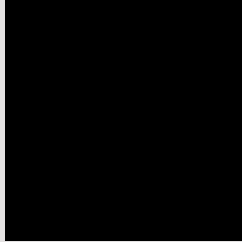
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

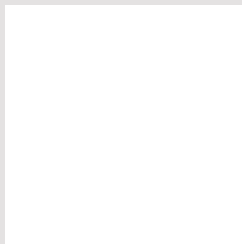
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.9187, 76.3777, 82.8506

Background



This preview shows how black text looks on a background with the XYZ color 72.9187, 76.3777, 82.8506.

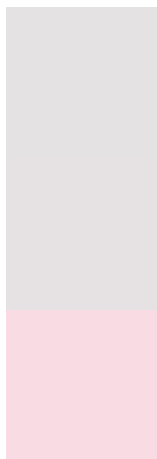


This preview shows how white text looks on a background with the XYZ color 72.9187, 76.3777,

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

72.9187, 76.3777, 82.8506

Protanopia

73.2858, 76.1644, 82.7901

Deuteranopia

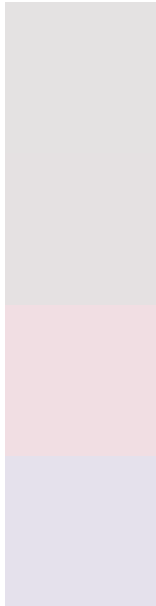
77.9080, 76.1655, 83.2683



Tritanopia

75.1660, 76.4852, 94.0205

Trichromacy



Original Color

72.9187, 76.3777, 82.8506

Protanomaly

72.9658, 75.9994, 82.7752

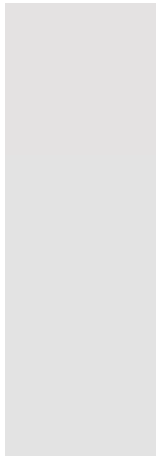
Deuteranomaly

76.2620, 76.4894, 83.4175

Tritanomaly

74.3786, 76.5646, 90.2151

Monochromacy



Original Color

72.9187, 76.3777, 82.8506

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 72.9187, 76.3777, 82.8506 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(228, 226, 226) looks like.

```
.text, #text, p{  
    color:rgb(228, 226, 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(228, 226, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 226, 226) }
```

Border

The CSS property to change the border of an element to XYZ 72.9187, 76.3777, 82.8506 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(228, 226, 226) }
```

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

```
.border{ border-color:rgb(228, 226, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 226, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 226, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 226, 226);  
box-shadow:4px 4px 4px 4px rgb(228, 226,  
226) }
```


Background

The CSS property to change the background color of an element to XYZ 72.9187, 76.3777, 82.8506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 226, 226) }
```

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

```
.background{ background-color: rgb(228,  
226, 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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