

Converting Colors

XYZ(73.0377, 76.8019, 82.9988)

Have a look what the booklet for
XYZ(73.0377, 76.8019, 82.9988)
contains.

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Color

**XYZ(73.1915, 76.9231,
82.9416)**

Conversions

Conversions Part 1

Format	Color
Hex	E4E3E2
RGB	228, 227, 226
RGB Percent	89%, 89%, 89%
CMY	0.1059, 0.1098, 0.1137
CMYK	0.00, 0.00, 0.01, 0.11
HSL	30°, 4%, 89%
HSV	30°, 1%, 89%
XYZ	73.1915, 76.9231, 82.9416
YIQ	227.1850, 0.9170, -0.0990

Conversions

Conversions Part 2

Format	Color
RYB	228, 228, 226
Decimal	15000546
CIELab	90.29, 0.16, 0.60
CIELCh	90, 0.618, 74.642
Yxy	76.9231, 0.3141, 0.3301
Android (android.graphics.Color)	4293190626 (0xFFE4E3E2)
YUV	227.1850, -0.5842, 0.7148
Hunter-Lab	87.7058, -4.5249, 5.3247

Details

The XYZ color **73.1915, 76.9231, 82.9416** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.8369, 76.7076, 84.3671**, and the grayscale version is **73.1538, 76.9634, 83.8132**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.3368, 41.3296, 44.4322** is the 20% darker color. If you saturate the color by 10%, you get **67.2644, 69.7466, 66.5431**, and if you desaturate by 10%, it is **79.7440, 84.6826, 101.6030**.

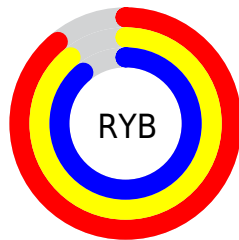
Distribution



Red (89%)

Green (89%)

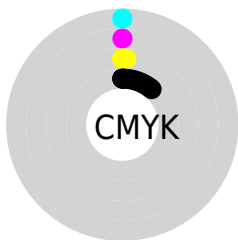
Blue (89%)



Red (89%)

Yellow (89%)

Blue (89%)

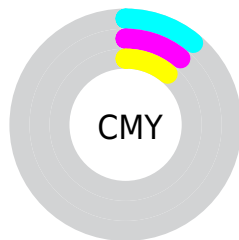


Cyan (0%)

Magenta (0%)

Yellow (1%)

Black (11%)



Cyan (11%)

Magenta (11%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.1915, 76.9231, 82.9416 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 73.1915, 76.9231, 82.9416 by changing the saturation by 10% instead.

■ 73.1915, 76.9231,
82.9416

■ 73.1915, 76.9231,
82.9416

460.7718,
484.5018, 524.7578

■ 54.4215, 57.1898,
61.6016

122.7507,
129.0309, 139.3422

■ 39.1708, 41.1576,
44.2772

154.2706,
162.1742, 175.2399

■ 27.0739, 28.4423,
30.5497

190.7712,
200.5562, 216.8272

■ 17.7656, 18.6593,
20.0006

232.6178,
244.5614, 264.5228

■ 10.8805, 11.4244,
12.2114

280.1758,
294.5742, 318.7450

■ 6.0532, 6.3530,
6.7635

333.8106,

■ 2.9184, 3.0609,

350.9789, 379.9126

3.2385

393.8875,
414.1600, 448.4440

■ 1.1108, 1.1636,
1.2176

■ 0.0341, 0.0317,
0.0000

■ 73.1915, 76.9231,
82.9416

■ 73.1915, 76.9231,
82.9416

■ 67.2644, 69.7466,
66.5431

■ 79.7440, 84.6826,
101.6030

■ 61.9361, 63.1288,
52.3154

■ 84.1448, 91.9130,
107.9138

■ 57.1872, 57.0581,
40.1673

■ 85.8054, 95.2343,
108.4674

■ 52.9949, 51.5185,
29.9992

■ 49.3348, 46.4934,
21.7034

■ 46.1801, 41.9651,
15.1616

■ 43.5016, 37.9143,
10.2418

■ 41.2661, 34.3201,
6.7932

■ 39.4346, 31.1589,
4.6356

Harmonies

Analogous

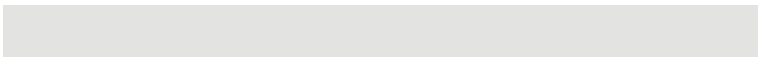
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.3239, 76.9231, 83.1621



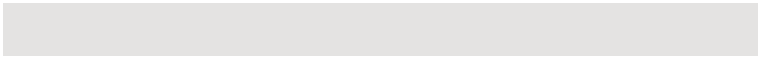
73.1915, 76.9231, 82.9416



73.0383, 76.9231, 82.9389

Triad

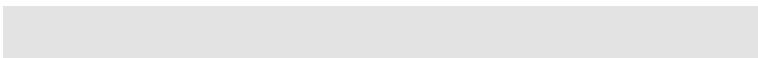
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.1915, 76.9231, 82.9416



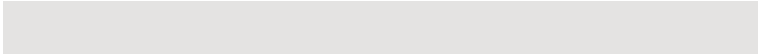
72.8272, 76.9231, 83.9706



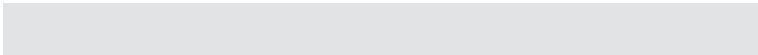
73.3212, 76.9231, 84.3606

Complementary

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



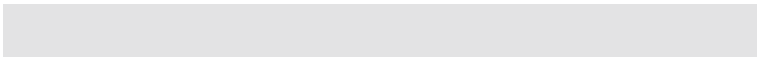
73.1915, 76.9231, 82.9416



72.8369, 76.7076, 84.3671

Split Complementary

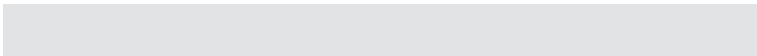
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.1879, 76.9231, 84.5788



73.1915, 76.9231, 82.9416



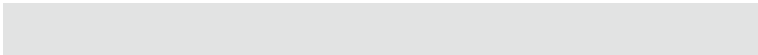
72.9028, 76.9231, 84.3531

Square

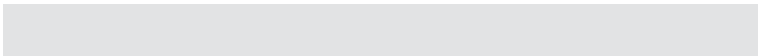
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.1915, 76.9231, 82.9416



72.8281, 76.9231, 83.5319



73.0348, 76.9231, 84.5761



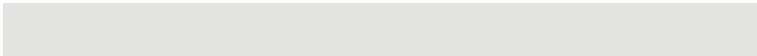
73.3988, 76.9231, 83.9808

Rectangle

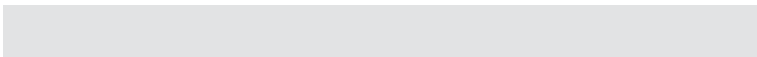
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.1915, 76.9231, 82.9416



72.9450, 76.9231, 83.0609



73.0348, 76.9231, 84.5761



73.2814, 76.9231, 84.4554

Sweetspot

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



73.1937, 76.9264, 82.9433

95.0500, 100.0000, 108.9000



73.0576, 76.4340, 83.5769



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

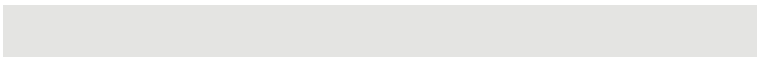
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.1937, 76.9264, 82.9433



94.2382, 99.0290, 106.6174



73.4670, 77.4731, 83.0344



16.0895, 16.9087, 18.2169



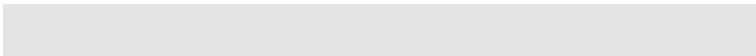
22.0955, 16.7652, 2.0714



1.7257, 1.4247, 0.1840

Inverse Universe

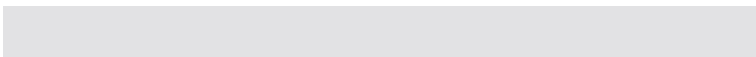
The Inverse Universe completely reimagines the original color for something new.



72.8369, 76.7076, 84.3671



93.7112, 98.7058, 108.7208



72.5652, 76.1642, 84.2766



16.0050, 16.8568, 18.5545



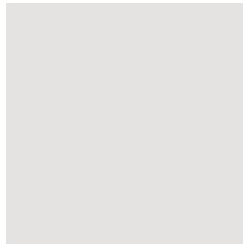
11.6523, 10.3667, 43.7700



0.9539, 0.9518, 3.2654

Previews

White Background



This preview shows how the XYZ color 73.1915, 76.9231, 82.9416 looks on a white background.

Color Contrast Check

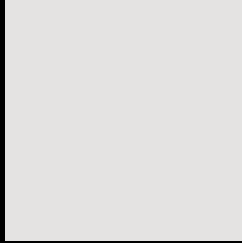
Large Text (above 18pt) WCAG AA × Fail

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 73.1915, 76.9231, 82.9416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

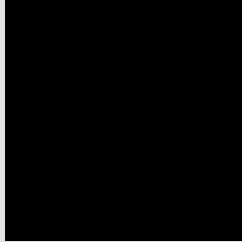
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

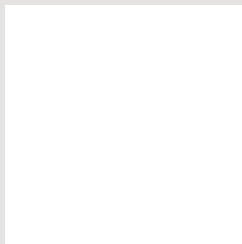
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.1915, 76.9231, 82.9416

Background



This preview shows how black text looks on a background with the XYZ color 73.1915, 76.9231, 82.9416.

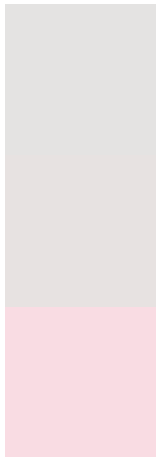


This preview shows how white text looks on a background with the XYZ color 73.1915, 76.9231,

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

73.1915, 76.9231, 82.9416

Protanopia

73.7420, 76.8179, 82.1749

Deuteranopia

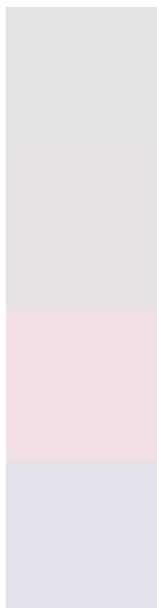
78.5252, 76.8722, 83.3721



Tritanopia

75.3158, 76.5451, 94.8095

Trichromacy



Original Color

73.1915, 76.9231, 82.9416

Protanomaly

73.4201, 76.6519, 82.1598

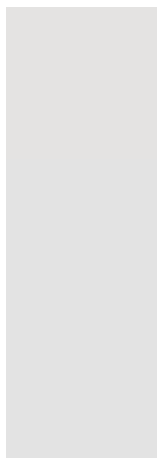
Deuteranomaly

76.5284, 77.0222, 83.5063

Tritanomaly

74.3786, 76.5646, 90.2151

Monochromacy



Original Color

73.1915, 76.9231, 82.9416

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 73.1915, 76.9231, 82.9416 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, 227, 226) looks like.

```
.text, #text, p{  
    color:rgb(228, 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(228, 227, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 227, 226) }
```

Border

The CSS property to change the border of an element to XYZ 73.1915, 76.9231, 82.9416 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, 227, 226) }
```

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

```
.border{ border-color:rgb(228, 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(228, 227, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 227, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 227, 226);  
box-shadow:4px 4px 4px 4px rgb(228, 227,  
226) }
```


Background

The CSS property to change the background color of an element to XYZ 73.1915, 76.9231, 82.9416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 227, 226) }
```

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

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