

Converting Colors

XYZ(72.5895, 76.3034, 82.5631)

Have a look what the booklet for
XYZ(72.5895, 76.3034, 82.5631)
contains.

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Color

**XYZ(72.6024, 76.2146,
82.8358)**

Conversions

Conversions Part 1

Format	Color
Hex	E3E2E2
RGB	227, 226, 226
RGB Percent	89%, 89%, 89%
CMY	0.1098, 0.1137, 0.1137
CMYK	0.00, 0.00, 0.00, 0.11
HSL	0°, 2%, 89%
HSV	0°, 0%, 89%
XYZ	72.6024, 76.2146, 82.8358
YIQ	226.2990, 0.5960, 0.2120

Conversions

Conversions Part 2

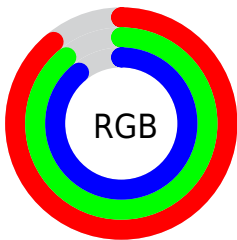
Format	Color
RYB	227, 226, 226
Decimal	14934754
CIELab	89.96, 0.34, 0.11
CIELCh	90, 0.359, 17.748
Yxy	76.2146, 0.3134, 0.3290
Android (android.graphics.Color)	4293124834 (0xFFE3E2E2)
YUV	226.2990, -0.1474, 0.6148
Hunter-Lab	87.3010, -4.3302, 4.8532

Details

The XYZ color **72.6024, 76.2146, 82.8358** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.6983, 76.6520, 83.6379**, and the grayscale version is **72.5077, 76.2837, 83.0730**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.9269, 40.8368, 44.3587** is the 20% darker color. If you saturate the color by 10%, you get **63.9435, 63.5552, 65.5856**, and if you desaturate by 10%, it is **82.4890, 90.6672, 102.5317**.

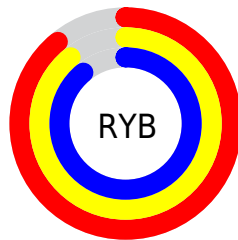
Distribution



Red (89%)

Green (89%)

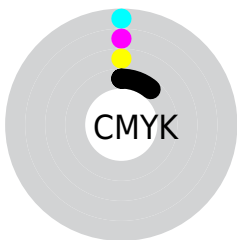
Blue (89%)



Red (89%)

Yellow (89%)

Blue (89%)

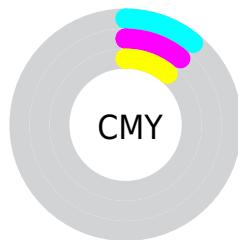


Cyan (0%)

Magenta (0%)

Yellow (0%)

Black (11%)



Cyan (11%)

Magenta (11%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.6024, 76.2146, 82.8358 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 72.6024, 76.2146, 82.8358 by changing the saturation by 10% instead.

■ 72.6024, 76.2146,
82.8358

■ 72.6024, 76.2146,
82.8358

458.7608,
482.0820, 524.3958

■ 53.9381, 56.6085,
61.5149

121.9188,
128.0302, 139.1926

■ 38.7827, 40.6910,
44.2076

153.3016,
161.0085, 175.0656

■ 26.7707, 28.0777,
30.4953

189.6546,
199.2130, 216.6264

■ 17.5368, 18.3843,
19.9596

231.3433,
243.0280, 264.2935

■ 10.7156, 11.2262,
12.1819

278.7329,
292.8381, 318.4854

■ 5.9418, 6.2192,
6.7437

332.1887,

■ 2.8500, 2.9788,

349.0275, 379.6208

3.2263

392.0763,
411.9807, 448.1180

■ 1.0750, 1.1207,
1.2113

■ 0.0040, 0.0000,
0.0000

■ 72.6024, 76.2146,
82.8358

■ 72.6024, 76.2146,
82.8358

■ 63.9435, 63.5552,
65.5856

■ 82.4890, 90.6672,
102.5317

■ 56.4581, 52.6099,
50.6809

■ 85.4891, 95.0712,
108.4526

■ 50.0978, 43.3079,
38.0219

■ 44.8083, 35.5699,
27.4999

■ 40.5306, 29.3102,
18.9971

■ 37.2004, 24.4346,
12.3841

■ 34.7455, 20.8382,
7.5169

■ 33.0838, 18.4011,
4.2306

■ 32.1175, 16.9809,
2.3288

Harmonies

Analogous

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



72.6066, 76.2146, 83.0885



72.6024, 76.2146, 82.8358



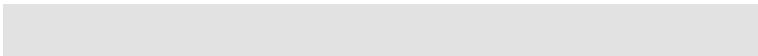
72.5545, 76.2146, 82.6234

Triad

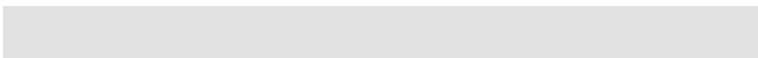
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.6024, 76.2146, 82.8358



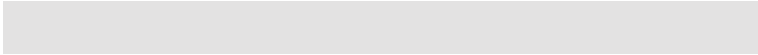
72.3134, 76.2146, 82.6564



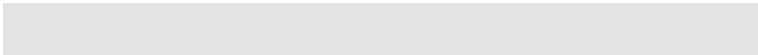
72.4035, 76.2146, 83.4634

Complementary

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



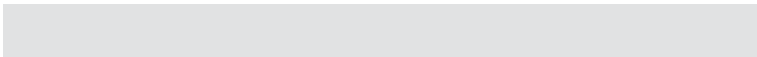
72.6024, 76.2146, 82.8358



72.6983, 76.6520, 83.6379

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.



72.3250, 76.2146, 83.3472



72.6024, 76.2146, 82.8358



72.2730, 76.2146, 82.8810

Square

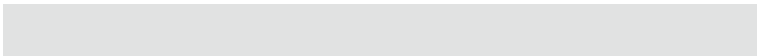
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



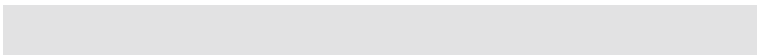
72.6024, 76.2146, 82.8358



72.3877, 76.2146, 82.5200



72.2772, 76.2146, 83.1339



72.4917, 76.2146, 83.4513

Rectangle

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



72.6024, 76.2146, 82.8358



72.5044, 76.2146, 82.5331



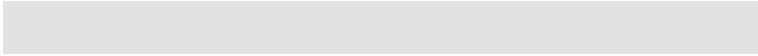
72.2772, 76.2146, 83.1339



72.3751, 76.2146, 83.4381

Sweetspot

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



72.6046, 76.2179, 82.8375

95.0500, 100.0000, 108.9000



72.7412, 76.2708, 83.5621



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

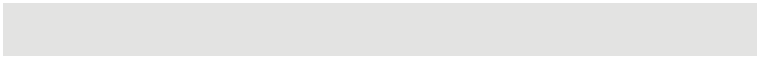
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.6046, 76.2179, 82.8375



93.8371, 98.2269, 106.4837



72.7397, 76.4881, 82.8825



16.0251, 16.7799, 18.1955



18.4826, 9.5393, 0.8671



1.3674, 0.7081, 0.0646

Inverse Universe

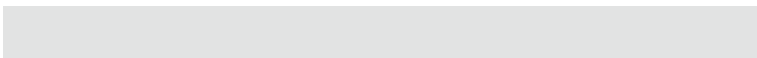
The Inverse Universe completely reimagines the original color for something new.



72.6983, 76.6520, 83.6379



94.1149, 99.5133, 108.8553



72.5628, 76.3810, 83.5927



16.0697, 16.9864, 18.5761



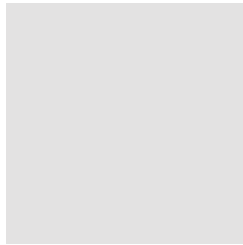
23.9683, 34.9986, 47.8753



1.7727, 2.5894, 3.5383

Previews

White Background



This preview shows how the XYZ color 72.6024, 76.2146, 82.8358 looks on a white background.

Color Contrast Check

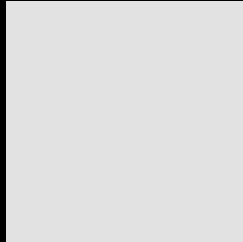
Large Text (above 18pt) WCAG AA × Fail

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 72.6024, 76.2146, 82.8358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

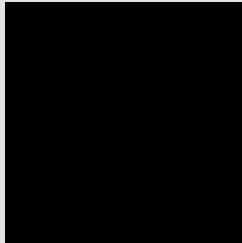
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

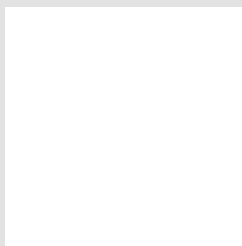
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.6024, 76.2146, 82.8358

Background



This preview shows how black text looks on a background with the XYZ color 72.6024, 76.2146, 82.8358.

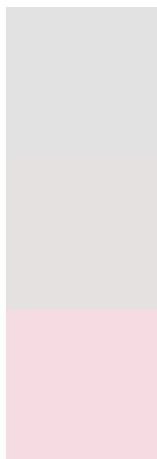


This preview shows how white text looks on a background with the XYZ color 72.6024, 76.2146,

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

72.6024, 76.2146, 82.8358

Protanopia

73.1489, 76.1097, 82.0694

Deuteranopia

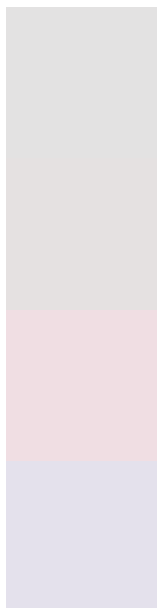
77.5544, 75.9832, 83.2517



Tritanopia

74.8459, 76.3202, 94.0056

Trichromacy



Original Color

72.6024, 76.2146, 82.8358

Protanomaly

72.8289, 75.9447, 82.0545

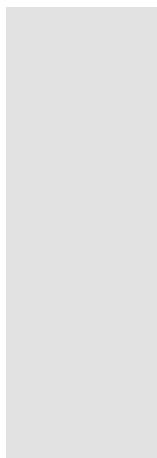
Deuteranomaly

75.9216, 76.3139, 83.4016

Tritanomaly

74.0604, 76.4005, 90.2003

Monochromacy



Original Color

72.6024, 76.2146, 82.8358

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.2879, 76.0525, 82.8211

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.6024, 76.2146, 82.8358 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, 226, 226) looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 72.6024, 76.2146, 82.8358 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, 226, 226) }
```

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

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

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


Background

The CSS property to change the background color of an element to XYZ 72.6024, 76.2146, 82.8358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(227,  
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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