

Converting Colors

XYZ(66.5140, 66.9181, 72.0498)

Have a look what the booklet for
XYZ(66.5140, 66.9181, 72.0498)
contains.

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Color

**XYZ(66.4893, 66.7359,
72.3277)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E3D1D5 |
| RGB | 227, 209, 213 |
| RGB Percent | 89%, 82%, 84% |
| CMY | 0.1098, 0.1804, 0.1647 |
| CMYK | 0.00, 0.08, 0.06, 0.11 |
| HSL | 347°, 24%, 85% |
| HSV | 347°, 8%, 89% |
| XYZ | 66.4893, 66.7359, 72.3277 |
| YIQ | 214.8380, 9.4440, 5.0600 |

Conversions

Conversions Part 2

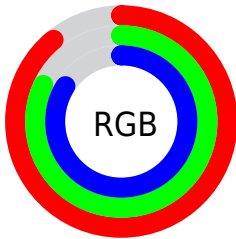
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 227, 209, 213 |
| Decimal | 14930389 |
| CIE Lab | 85.37, 6.91, 0.27 |
| CIE LCh | 85, 6.919, 2.237 |
| Yxy | 66.7359, 0.3235, 0.3247 |
| Android (android.graphics.Color) | 4293120469 (0xFFE3D1D5) |
| YUV | 214.8380, -0.9061, 10.6661 |
| Hunter-Lab | 81.6920, 2.3204, 4.6908 |

Details

The XYZ color **66.4893, 66.7359, 72.3277** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.0855, 73.8230, 80.5293**, and the grayscale version is **64.4848, 67.8430, 73.8810**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.9062, 34.6820, 37.2023** is the 20% darker color. If you saturate the color by 10%, you get **59.1913, 55.5333, 59.4319**, and if you desaturate by 10%, it is **74.8287, 79.6290, 86.7765**.

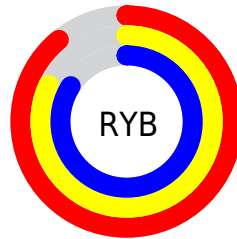
Distribution



Red (89%)

Green (82%)

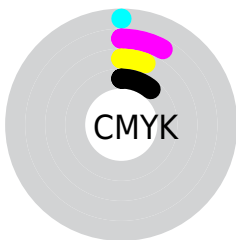
Blue (84%)



Red (89%)

Yellow (82%)

Blue (84%)

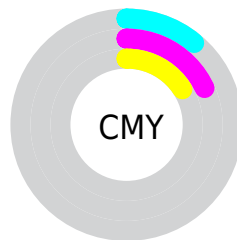


Cyan (0%)

Magenta (8%)

Yellow (6%)

Black (11%)



Cyan (11%)

Magenta (18%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.4893, 66.7359, 72.3277 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 66.4893, 66.7359, 72.3277 by changing the saturation by 10% instead.

66.4893, 66.7359,
72.3277

66.4893, 66.7359,
72.3277

437.5859,
449.0041, 487.6896

48.9389, 48.8700,
52.9379

113.2422,
114.5419, 124.2344

34.7853, 34.5164,
37.3658

143.1753,
145.2508, 157.5884

23.6633, 23.2906,
25.1929

177.9668,
181.0096, 196.4342

15.2074, 14.8082,
16.0005

217.9819,
222.2025, 241.1904

9.0524, 8.6849,
9.3701

263.5860,
269.2140, 292.2755

4.8327, 4.5362,
4.8833

315.1444,

2.1832, 1.9778,

322.4285, 350.1080

2.1214

373.0226,
382.2304, 415.1065

■ 0.7339, 0.5945,
0.6285

■ 0.0000, 0.0000,
0.0000

■ 66.4893, 66.7359,
72.3277

■ 66.4893, 66.7359,
72.3277

■ 59.1913, 55.5333,
59.4319

■ 74.8287, 79.6290,
86.7765

■ 52.8879, 45.9425,
48.0328

■ 84.2427, 94.2697,
102.8236

■ 47.5370, 37.8917,
38.0766

■ 85.4890, 95.0711,
108.4526

■ 43.0914, 31.3002,
29.5048

■ 39.4996, 26.0799,
22.2551

■ 36.7049, 22.1330,
16.2597

■ 34.6435, 19.3490,
11.4450

■ 33.2410, 17.5980,
7.7288

■ 32.3975, 16.7002,
5.0141

Harmonies

Analogous

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



66.1344, 66.7359, 76.7584



66.4893, 66.7359, 72.3277



66.0135, 66.7359, 68.1573

Triad

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



66.4893, 66.7359, 72.3277



61.8367, 66.7359, 65.6064



62.0372, 66.7359, 80.5709

Complementary

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



66.4893, 66.7359, 72.3277



67.0855, 73.8230, 80.5293

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.



60.9157, 66.7359, 77.3652



66.4893, 66.7359, 72.3277



60.8013, 66.7359, 68.7179

Square

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



66.4893, 66.7359, 72.3277



63.3129, 66.7359, 64.3776



60.4669, 66.7359, 73.0014



63.5482, 66.7359, 81.6327

Rectangle

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



66.4893, 66.7359, 72.3277



65.2937, 66.7359, 66.0531



60.4669, 66.7359, 73.0014



61.6030, 66.7359, 79.7020

Sweetspot

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



66.4912, 66.7388, 72.3291



92.8122, 96.5362, 105.0352



67.0376, 66.8062, 82.0357



19.8891, 20.6990, 22.5224



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.



66.4912, 66.7388, 72.3291



84.4167, 83.5833, 90.4042



67.1853, 68.9290, 70.0886



14.5074, 14.4201, 15.6062



18.8519, 9.6750, 2.8491



1.4275, 0.7287, 0.3920

Inverse Universe

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



66.4912, 66.7388, 72.3291



84.4167, 83.5833, 90.4042



66.3364, 71.4524, 82.9695



14.5074, 14.4201, 15.6062



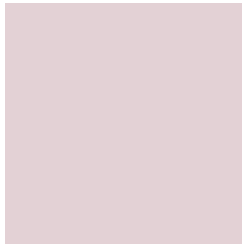
18.8519, 9.6750, 2.8491



1.4275, 0.7287, 0.3920

Previews

White Background



This preview shows how the XYZ color 66.4893, 66.7359, 72.3277 looks on a white background.

Color Contrast Check

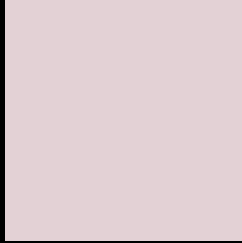
Large Text (above 18pt) WCAG AA × Fail

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 66.4893, 66.7359, 72.3277 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 66.4893, 66.7359, 72.3277

Background



This preview shows how black text looks on a background with the XYZ color 66.4893, 66.7359, 72.3277.



This preview shows how white text looks on a background with the XYZ color 66.4893, 66.7359,

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

66.4893, 66.7359, 72.3277

Protanopia

64.4245, 66.7450, 73.7775

Deuteranopia

68.2547, 66.9222, 72.2706



Tritanopia

68.0805, 66.6655, 79.8005

Trichromacy



Original Color

66.4893, 66.7359, 72.3277

Protanomaly

65.2507, 66.8157, 73.0760

Deuteranomaly

67.5211, 66.9048, 72.3060

Tritanomaly

67.4691, 66.7730, 77.0426

Monochromacy



Original Color

66.4893, 66.7359, 72.3277

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

65.1453, 67.5036, 73.2143

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.4893, 66.7359, 72.3277 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, 209, 213) looks like.

```
.text, #text, p{  
    color:rgb(227, 209, 213)  
}
```

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, 209, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 209, 213) }
```

Border

The CSS property to change the border of an element to XYZ 66.4893, 66.7359, 72.3277 is called "border". The border property can be set on classes, ids or directly on the HTML element.

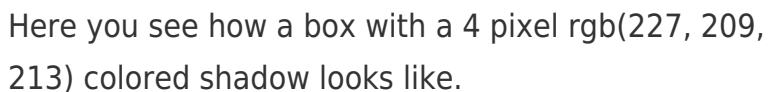
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 209, 213) }
```


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

```
.border{ border-color:rgb(227, 209, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(227, 209, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 209, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 209, 213);  
box-shadow:4px 4px 4px 4px rgb(227, 209,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 66.4893, 66.7359, 72.3277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 209, 213) }
```

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

```
.background{ background-color: rgb(227,  
209, 213) }
```

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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