

Converting Colors

XYZ(56.7451, 57.1793, 73.8069)

Have a look what the booklet for
XYZ(56.7451, 57.1793, 73.8069)
contains.

XYZ(56.6214, 57.0462, 73.6724)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(56.6214, 57.0462,
73.6724)**

Conversions

Conversions Part 1

Format	Color
Hex	CAC4D9
RGB	202, 196, 217
RGB Percent	79%, 77%, 85%
CMY	0.2078, 0.2314, 0.1490
CMYK	0.07, 0.10, 0.00, 0.15
HSL	257°, 22%, 81%
HSV	257°, 10%, 85%
XYZ	56.6214, 57.0462, 73.6724
YIQ	200.1880, -3.1650, 7.8030

Conversions

Conversions Part 2

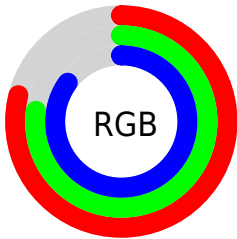
Format	Color
R_{YB}	202, 196, 217
Decimal	13288665
CIE _{Lab}	80.21, 6.03, -9.71
CIE _{LCh}	80, 11.431, 301.850
Yxy	57.0462, 0.3022, 0.3045
Android (android.graphics.Color)	4291478745 (0xFFCAC4D9)
YUV	200.1880, 8.2883, 1.5891
Hunter-Lab	75.5289, 1.6396, -4.9624

Details

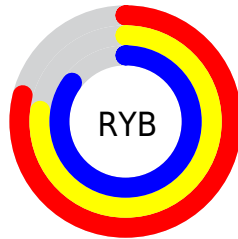
The XYZ color **56.6214, 57.0462, 73.6724** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.6429, 67.4617, 61.9999**, and the grayscale version is **54.9689, 57.8315, 62.9785**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **28.4073, 28.2505, 38.1381** is the 20% darker color. If you saturate the color by 10%, you get **48.0907, 45.9015, 71.9718**, and if you desaturate by 10%, it is **66.2848, 69.8288, 75.6313**.

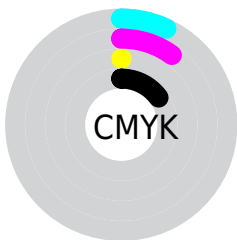
Distribution



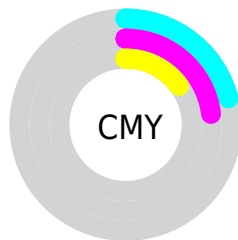
- Red (79%)
- Green (77%)
- Blue (85%)



- Red (79%)
- Yellow (77%)
- Blue (85%)



- Cyan (7%)
- Magenta (10%)
- Yellow (0%)
- Black (15%)



- Cyan (21%)
- Magenta (23%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.6214, 57.0462, 73.6724 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 56.6214, 57.0462, 73.6724 by changing the saturation by 10% instead.

■ 56.6214, 57.0462,
73.6724

■ 56.6214, 57.0462,
73.6724

402.0663,
413.6224, 492.4751

■ 40.9403, 41.0423,
54.0308

99.0471, 100.5326,
126.1611

■ 28.4599, 28.3522,
38.2329

126.5224,
128.7839, 159.8452

■ 18.8149, 18.5913,
25.8603

158.6599,
161.8865, 199.0472

■ 11.6398, 11.3753,
16.4943

195.8248,
200.2248, 244.1857

■ 6.5693, 6.3199,
9.7165

238.3825,
244.1831, 295.6792

■ 3.2382, 3.0406,
5.1083

286.6984,

■ 1.2809, 1.1529,

294.1459, 353.9462

2.2511

341.1379,
350.4975, 419.4053

■ 0.1689, 0.0228,
0.7036

■ 0.0000, 0.0000,
0.0000

■ 56.6214, 57.0462,
73.6724

■ 56.6214, 57.0462,
73.6724

■ 48.0907, 45.9015,
71.9718

■ 66.2848, 69.8288,
75.6313

■ 40.6450, 36.3206,
70.5149

■ 77.1162, 84.3050,
77.8546

■ 34.2406, 28.2343,
69.2916

■ 87.1767, 96.5795,
79.6935

■ 28.8288, 21.5654,
68.2896

■ 89.5246, 97.7898,
79.8034

■ 24.3567, 16.2297,
67.4954

■ 20.7663, 12.1337,
66.8941

■ 17.9924, 9.1714,
66.4685

■ 15.9596, 7.2181,
66.1986

■ 14.5489, 6.0648,
66.0503

Harmonies

Analogous

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



54.3656, 57.0462, 75.8526



56.6214, 57.0462, 73.6724



58.2710, 57.0462, 68.3710

Triad

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



56.6214, 57.0462, 73.6724



56.3637, 57.0462, 51.4652



49.8616, 57.0462, 62.5291

Complementary

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



56.6214, 57.0462, 73.6724



61.6429, 67.4617, 61.9999

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.



50.3625, 57.0462, 56.2502



56.6214, 57.0462, 73.6724



54.0761, 57.0462, 50.1427

Square

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



56.6214, 57.0462, 73.6724



58.1193, 57.0462, 55.5807



51.8888, 57.0462, 51.8318



50.5005, 57.0462, 69.1394

Rectangle

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



56.6214, 57.0462, 73.6724



58.7815, 57.0462, 63.9519



51.8888, 57.0462, 51.8318



49.9022, 57.0462, 60.3109

Sweetspot

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



56.6231, 57.0486, 73.6737



90.6758, 94.1940, 108.0099



58.5980, 63.3608, 74.7879



19.1637, 19.8373, 23.0689



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.



56.6231, 57.0486, 73.6737



78.4631, 78.0937, 105.5459



59.5475, 58.5562, 73.8105



12.6862, 12.7964, 16.4534



8.8736, 3.6987, 39.9846



0.6588, 0.2829, 2.5943

Inverse Universe

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



60.1151, 58.9373, 69.8387



84.6779, 81.4564, 98.6583



58.7452, 65.9679, 61.8643



13.4476, 13.2081, 15.6181



20.9525, 10.3820, 19.9276



1.3938, 0.6872, 1.4827

Previews

White Background



This preview shows how the XYZ color 56.6214, 57.0462, 73.6724 looks on a white background.

Color Contrast Check

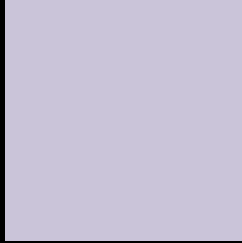
Large Text (above 18pt) WCAG AA × Fail

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 56.6214, 57.0462, 73.6724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

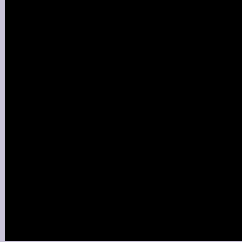
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.6214, 57.0462, 73.6724

Background



This preview shows how black text looks on a background with the XYZ color 56.6214, 57.0462, 73.6724.



This preview shows how white text looks on a background with the XYZ color 56.6214, 57.0462,

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

56.6214, 57.0462, 73.6724

Protanopia

55.8749, 57.3204, 74.4487

Deuteranopia

58.3032, 56.9035, 74.2402



Tritanopia

55.9373, 57.1035, 70.3612

Trichromacy



Original Color

56.6214, 57.0462, 73.6724

Protanomaly

56.1743, 57.1366, 74.3974

Deuteranomaly

57.6788, 56.9109, 74.2746

Tritanomaly

56.1912, 57.2051, 71.6984

Monochromacy



Original Color

56.6214, 57.0462, 73.6724

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.6514, 57.7206, 66.6006

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6214, 57.0462, 73.6724 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(202, 196, 217)` looks like.

```
.text, #text, p{  
    color:rgb(202, 196, 217)  
}
```

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(202, 196, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 196, 217) }
```

Border

The CSS property to change the border of an element to XYZ 56.6214, 57.0462, 73.6724 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(202, 196, 217) }
```


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

```
.border{ border-color:rgb(202, 196, 217) }
```

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

Here you see how a box with a 4 pixel rgb(202, 196, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 196, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 196, 217);  
box-shadow:4px 4px 4px 4px rgb(202, 196,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6214, 57.0462, 73.6724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 196, 217) }
```

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

```
.background{ background-color: rgb(202,  
196, 217) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor