

Converting Colors

XYZ(49.5988, 50.9856, 57.5616)

Have a look what the booklet for
XYZ(49.5988, 50.9856, 57.5616)
contains.

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Color

**XYZ(49.6441, 50.8602,
57.6526)**

Conversions

Conversions Part 1

Format	Color
Hex	C2BBC1
RGB	194, 187, 193
RGB Percent	76%, 73%, 76%
CMY	0.2392, 0.2666, 0.2431
CMYK	0.00, 0.04, 0.01, 0.24
HSL	309°, 5%, 75%
HSV	309°, 4%, 76%
XYZ	49.6441, 50.8602, 57.6526
YIQ	189.7770, 2.2460, 3.3500

Conversions

Conversions Part 2

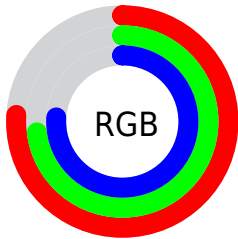
Format	Color
RYB	194, 187, 193
Decimal	12762049
CIELab	76.59, 3.55, -2.16
CIElCh	77, 4.157, 328.754
Yxy	50.8602, 0.3139, 0.3216
Android (android.graphics.Color)	4290952129 (0xFFC2BBC1)
YUV	189.7770, 1.5889, 3.7036
Hunter-Lab	71.3163, -0.5477, 1.9910

Details

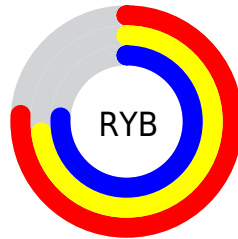
The XYZ color **49.6441, 50.8602, 57.6526** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.8643, 52.7806, 55.1917**, and the grayscale version is **48.8067, 51.3485, 55.9185**.

A 20% lighter version of the original color is **88.5738, 91.2647, 102.5700**, and **24.0739, 24.5191, 28.2748** is the 20% darker color. If you saturate the color by 10%, you get **45.4975, 43.0566, 54.7592**, and if you desaturate by 10%, it is **54.3554, 59.7825, 60.7641**.

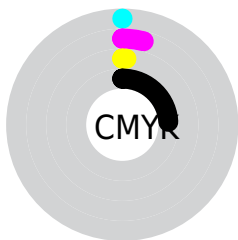
Distribution



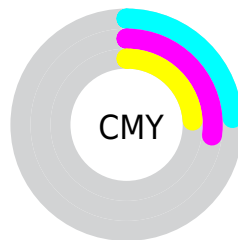
- Red (76%)
- Green (73%)
- Blue (76%)



- Red (76%)
- Yellow (73%)
- Blue (76%)



- Cyan (0%)
- Magenta (4%)
- Yellow (1%)
- Black (24%)



- Cyan (24%)
- Magenta (27%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.6441, 50.8602, 57.6526 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 49.6441, 50.8602, 57.6526 by changing the saturation by 10% instead.

■ 49.6441, 50.8602,
57.6526

■ 49.6441, 50.8602,
57.6526

375.7476,
390.0204, 433.4522

■ 35.3473, 36.0974,
41.1166

■ 88.8423, 91.4481,
102.9266

■ 24.0983, 24.5094,
28.0898

114.4745,
118.0419, 132.5016

■ 15.5317, 15.7119,
18.1537

144.6158,
149.3482, 167.2600

■ 9.2821, 9.3205,
10.8898

179.6317,
185.7514, 207.6204

■ 4.9842, 4.9508,
5.8796

219.8874,
227.6358, 254.0013

■ 2.2727, 2.2184,
2.7044

265.7484,

■ 0.7806, 0.7300,

275.3858, 306.8212

0.9456

317.5800,
329.3859, 366.4987

■ 0.0000, 0.0000,
0.0000

■ 49.6441, 50.8602,
57.6526

■ 49.6441, 50.8602,
57.6526

■ 45.4975, 43.0566,
54.7592

■ 54.3554, 59.7825,
60.7641

■ 41.8890, 36.3209,
52.0730

■ 59.6480, 69.8586,
64.0975

■ 38.7965, 30.6079,
49.5871

■ 65.5431, 81.1305,
67.6607

■ 36.1946, 25.8669,
47.2929

■ 68.9186, 87.3536,
70.4130

■ 34.0557, 22.0428,
45.1810

■ 69.2544, 87.4879,
72.1813

■ 32.3493, 19.0748,
43.2411

■ 69.5961, 87.6246,
73.9810

■ 31.0416, 16.8951,
41.4618

■ 69.9439, 87.7637,
75.8122

■ 30.0933, 15.4254,
39.8298

■ 70.2976, 87.9052,
77.6751

■ 29.4572, 14.5713,
38.3292

■ 70.6574, 88.0491,
79.5698

Harmonies

Analogous

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



49.0714, 50.8602, 59.2581



49.6441, 50.8602, 57.6526



49.8671, 50.8602, 55.4722

Triad

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



49.6441, 50.8602, 57.6526



48.3739, 50.8602, 51.1646



47.0288, 50.8602, 57.4854

Complementary

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



49.6441, 50.8602, 57.6526



48.8643, 52.7806, 55.1917

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.



46.8465, 50.8602, 55.2841



49.6441, 50.8602, 57.6526



47.6181, 50.8602, 51.6713

Square

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



49.6441, 50.8602, 57.6526



49.1289, 50.8602, 51.7612



47.0611, 50.8602, 53.1642



47.5618, 50.8602, 59.1597

Rectangle

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



49.6441, 50.8602, 57.6526



49.7856, 50.8602, 53.9988



47.0611, 50.8602, 53.1642



46.9248, 50.8602, 56.7807

Sweetspot

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



49.6456, 50.8624, 57.6537



92.0553, 96.1384, 105.8743



48.2327, 50.1211, 58.1719



20.1682, 21.0704, 23.1915



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.



49.6456, 50.8624, 57.6537



89.5787, 91.4590, 104.2045



49.2671, 50.7110, 55.6607



10.8719, 11.0481, 12.6760



19.1926, 9.3668, 24.7238



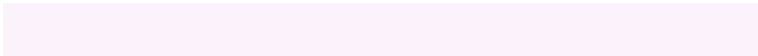
0.8466, 0.4116, 1.1595

Inverse Universe

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



49.6456, 50.8624, 57.6537



89.5787, 91.4590, 104.2045



49.2387, 52.9303, 57.1635



10.8719, 11.0481, 12.6760



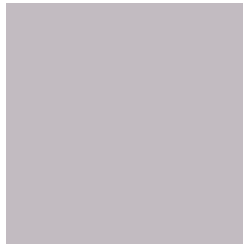
19.1926, 9.3668, 24.7238



0.8466, 0.4116, 1.1595

Previews

White Background



This preview shows how the XYZ color 49.6441, 50.8602, 57.6526 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 49.6441, 50.8602, 57.6526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

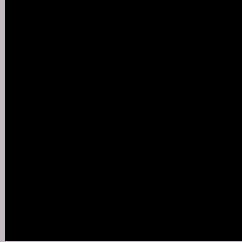
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.6441, 50.8602, 57.6526

Background



This preview shows how black text looks on a background with the XYZ color 49.6441, 50.8602, 57.6526.



This preview shows how white text looks on a background with the XYZ color 49.6441, 50.8602,

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

49.6441, 50.8602, 57.6526

Protanopia

49.2067, 50.9378, 58.2775

Deuteranopia

51.8479, 50.7412, 58.1003



Tritanopia

50.4899, 50.8900, 61.8052

Trichromacy



Original Color

49.6441, 50.8602, 57.6526

Protanomaly

49.4591, 51.0679, 58.2893

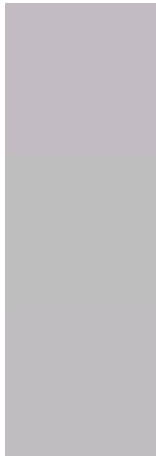
Deuteranomaly

50.9655, 50.5935, 58.1183

Tritanomaly

50.1426, 50.7511, 59.9765

Monochromacy



Original Color

49.6441, 50.8602, 57.6526

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.0874, 51.2331, 56.5920

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.6441, 50.8602, 57.6526 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(194, 187, 193)` looks like.

```
.text, #text, p{  
    color:rgb(194, 187, 193)  
}
```

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(194, 187, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 187, 193) }
```

Border

The CSS property to change the border of an element to XYZ 49.6441, 50.8602, 57.6526 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(194, 187, 193) }
```


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

```
.border{ border-color:rgb(194, 187, 193) }
```

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

Here you see how a box with a 4 pixel rgb(194, 187, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 187, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 187, 193);  
box-shadow:4px 4px 4px 4px rgb(194, 187,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 49.6441, 50.8602, 57.6526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 187, 193) }
```

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

```
.background{ background-color: rgb(194,  
187, 193) }
```

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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