

Converting Colors

XYZ(50.5900, 50.0619, 65.3110)

Have a look what the booklet for
XYZ(50.5900, 50.0619, 65.3110)
contains.

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Color

**XYZ(50.5797, 49.9253,
65.3632)**

Conversions

Conversions Part 1

Format	Color
Hex	C3B7CE
RGB	195, 183, 206
RGB Percent	76%, 72%, 81%
CMY	0.2353, 0.2823, 0.1922
CMYK	0.05, 0.11, 0.00, 0.19
HSL	271°, 19%, 76%
HSV	271°, 11%, 81%
XYZ	50.5797, 49.9253, 65.3632
YIQ	189.2100, -0.2310, 9.6970

Conversions

Conversions Part 2

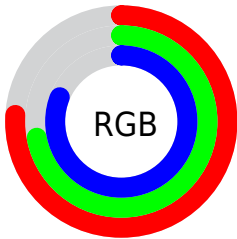
Format	Color
R _Y B	195, 183, 206
Decimal	12826574
CIE Lab	76.02, 8.53, -10.05
CIE LCh	76, 13.184, 310.307
Yxy	49.9253, 0.3049, 0.3010
Android (android.graphics.Color)	4291016654 (0xFFC3B7CE)
YUV	189.2100, 8.2775, 5.0778
Hunter-Lab	70.6578, 4.1262, -5.3867

Details

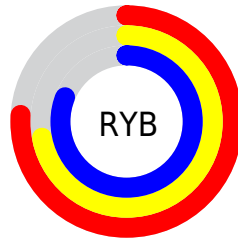
The XYZ color **50.5797, 49.9253, 65.3632** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.8685, 59.0322, 53.4101**, and the grayscale version is **48.4454, 50.9683, 55.5045**.

A 20% lighter version of the original color is **89.0614, 89.6485, 107.2176**, and **24.6346, 23.8950, 33.0196** is the 20% darker color. If you saturate the color by 10%, you get **44.1757, 40.7724, 63.9348**, and if you desaturate by 10%, it is **57.7766, 60.4128, 67.0089**.

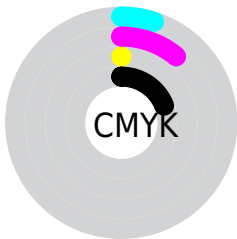
Distribution



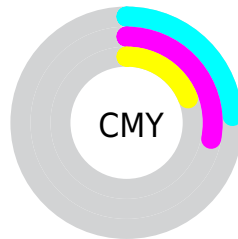
- Red (76%)
- Green (72%)
- Blue (81%)



- Red (76%)
- Yellow (72%)
- Blue (81%)



- Cyan (5%)
- Magenta (11%)
- Yellow (0%)
- Black (19%)



- Cyan (24%)
- Magenta (28%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.5797, 49.9253, 65.3632 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 50.5797, 49.9253, 65.3632 by changing the saturation by 10% instead.

■ 50.5797, 49.9253,
65.3632

■ 50.5797, 49.9253,
65.3632

379.3432,
386.3737, 462.4379

■ 36.0939, 35.3540,
47.3024

■ 90.2199, 90.0642,
114.1901

■ 24.6772, 23.9357,
32.9187

116.1050,
116.4006, 145.7934

■ 15.9642, 15.2860,
21.7936

146.5206,
147.4276, 182.7479

■ 9.5895, 9.0203,
13.5085

181.8320,
183.5294, 225.4722

■ 5.1878, 4.7544,
7.6448

222.4046,
225.0905, 274.3848

■ 2.3938, 2.1039,
3.7840

268.6038,

■ 0.8420, 0.6668,

272.4954, 329.9042

1.5076

320.7949,
326.1283, 392.4491

■ 0.0000, 0.0000,
0.2236

■ 0.0000, 0.0000,
0.0000

■ 50.5797, 49.9253,
65.3632

■ 50.5797, 49.9253,
65.3632

■ 44.1757, 40.7724,
63.9348

■ 57.7766, 60.4128,
67.0089

■ 38.5300, 32.8922,
62.7113

■ 65.7902, 72.2807,
68.8773

■ 33.6119, 26.2274,
61.6841

■ 74.6490, 85.5803,
70.9775

■ 29.3866, 20.7138,
60.8426

■ 80.9689, 93.5391,
72.1806

■ 25.8165, 16.2808,
60.1751

■ 84.3023, 95.2575,
72.3366

■ 22.8595, 12.8501,
59.6687

■ 87.8185, 97.0702,
72.5011

■ 20.4680, 10.3321,
59.3088

■ 88.1407, 97.2363,
72.5162

■ 18.5859, 8.6204,
59.0776

■ 17.2603, 7.6111,
58.9526

Harmonies

Analogous

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



48.3042, 49.9253, 68.8128



50.5797, 49.9253, 65.3632



52.0484, 49.9253, 59.0559

Triad

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



50.5797, 49.9253, 65.3632



49.0650, 49.9253, 42.5734



42.9476, 49.9253, 56.8210

Complementary

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



50.5797, 49.9253, 65.3632



52.8685, 59.0322, 53.4101

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.



43.1354, 49.9253, 49.9202



50.5797, 49.9253, 65.3632



46.6109, 49.9253, 42.0876

Square

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



50.5797, 49.9253, 65.3632



51.1532, 49.9253, 46.0567



44.4569, 49.9253, 44.6669



43.9347, 49.9253, 63.6061

Rectangle

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



50.5797, 49.9253, 65.3632



52.3433, 49.9253, 54.2877



44.4569, 49.9253, 44.6669



42.8763, 49.9253, 54.4327

Sweetspot

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



50.5812, 49.9274, 65.3643



91.3245, 94.5284, 108.0402



49.9887, 53.1609, 66.0197



19.3385, 19.9274, 23.0771



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.



50.5812, 49.9274, 65.3643



79.7766, 77.7586, 105.4120



53.4825, 51.4285, 65.2573



11.1508, 11.1270, 14.1304



10.7410, 4.7447, 36.3060



0.6415, 0.2898, 1.8771

Inverse Universe

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



52.1264, 50.8861, 58.1161



82.7109, 79.5787, 91.6638



50.1888, 57.6461, 53.4933



11.4321, 11.3016, 12.8098



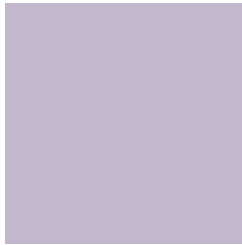
17.0951, 8.6486, 8.2194



0.9202, 0.4615, 0.6256

Previews

White Background



This preview shows how the XYZ color 50.5797, 49.9253, 65.3632 looks on a white background.

Color Contrast Check

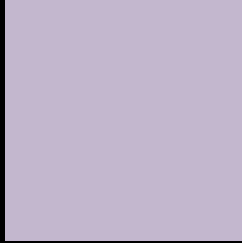
Large Text (above 18pt) WCAG AA × Fail

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 50.5797, 49.9253, 65.3632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

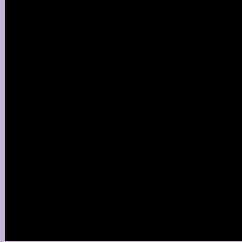
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.5797, 49.9253, 65.3632

Background



This preview shows how black text looks on a background with the XYZ color 50.5797, 49.9253, 65.3632.



This preview shows how white text looks on a background with the XYZ color 50.5797, 49.9253,

65.3632.

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

50.5797, 49.9253, 65.3632

Protanopia

48.9517, 49.9862, 66.7428

Deuteranopia

50.8945, 49.7824, 65.3191



Tritanopia

49.6974, 49.8738, 61.0401

Trichromacy



Original Color

50.5797, 49.9253, 65.3632

Protanomaly

49.5977, 50.0217, 66.0726

Deuteranomaly

50.6335, 49.6479, 65.3068

Tritanomaly

50.0493, 50.0146, 62.8930

Monochromacy



Original Color

50.5797, 49.9253, 65.3632

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.1065, 50.5571, 58.8001

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5797, 49.9253, 65.3632 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(195, 183, 206)` looks like.

```
.text, #text, p{  
    color:rgb(195, 183, 206)  
}
```

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(195, 183, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 183, 206) }
```

Border

The CSS property to change the border of an element to XYZ 50.5797, 49.9253, 65.3632 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(195, 183, 206) }
```


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

```
.border{ border-color:rgb(195, 183, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 183, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 183, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 183, 206);  
box-shadow:4px 4px 4px 4px rgb(195, 183,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5797, 49.9253, 65.3632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 183, 206) }
```

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

```
.background{ background-color: rgb(195,  
183, 206) }
```

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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