

Converting Colors

XYZ(50.0715, 50.0532, 61.6658)

Have a look what the booklet for
XYZ(50.0715, 50.0532, 61.6658)
contains.

XYZ(50.0715, 50.0532, 61.6658)	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(50.0715, 50.0532,
61.6658)**

Conversions

Conversions Part 1

Format	Color
Hex	C3B8C8
RGB	195, 184, 200
RGB Percent	76%, 72%, 78%
CMY	0.2353, 0.2784, 0.2157
CMYK	0.02, 0.08, 0.00, 0.22
HSL	281°, 13%, 75%
HSV	281°, 8%, 78%
XYZ	50.0715, 50.0532, 61.6658
YIQ	189.1130, 1.4200, 7.3080

Conversions

Conversions Part 2

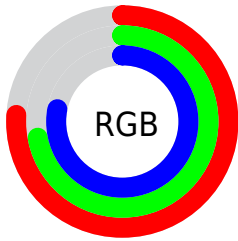
Format	Color
R _Y B	195, 184, 200
Decimal	12826824
CIE Lab	76.10, 6.83, -6.68
CIE LCh	76, 9.550, 315.649
Yxy	50.0532, 0.3095, 0.3094
Android (android.graphics.Color)	4291016904 (0xFFC3B8C8)
YUV	189.1130, 5.3673, 5.1629
Hunter-Lab	70.7483, 2.5224, -2.1547

Details

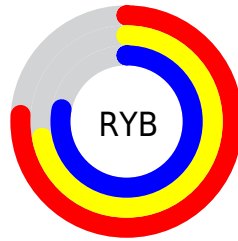
The XYZ color **50.0715, 50.0532, 61.6658** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.2941, 55.5894, 53.4289**, and the grayscale version is **48.4053, 50.9262, 55.4586**.

A 20% lighter version of the original color is **89.3550, 90.2356, 107.3154**, and **24.2891, 23.9706, 30.5408** is the 20% darker color. If you saturate the color by 10%, you get **44.6261, 41.5096, 60.3045**, and if you desaturate by 10%, it is **56.1748, 59.8107, 63.2283**.

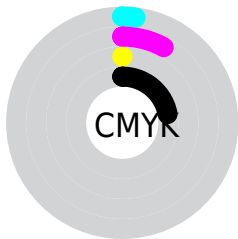
Distribution



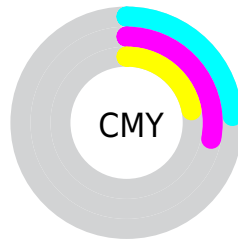
- Red (76%)
- Green (72%)
- Blue (78%)



- Red (76%)
- Yellow (72%)
- Blue (78%)



- Cyan (2%)
- Magenta (8%)
- Yellow (0%)
- Black (22%)



- Cyan (24%)
- Magenta (28%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.0715, 50.0532, 61.6658 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 50.0715, 50.0532, 61.6658 by changing the saturation by 10% instead.

■ 50.0715, 50.0532,
61.6658

■ 50.0715, 50.0532,
61.6658

377.3929,
386.8739, 448.6850

■ 35.6882, 35.4557,
44.3287

■ 89.4720, 90.2537,
108.8093

■ 24.3625, 24.0141,
30.5899

115.2199,
116.6255, 139.4527

■ 15.7289, 15.3441,
20.0309

145.4868,
147.6907, 175.3686

■ 9.4222, 9.0612,
12.2332

180.6380,
183.8339, 216.9756

■ 5.0769, 4.7811,
6.7783

221.0389,
225.4395, 264.6922

■ 2.3277, 2.1194,
3.2475

267.0547,

■ 0.8088, 0.6755,

272.8917, 318.9369

1.2223

319.0509,
326.5751, 380.1283

■ 0.0000, 0.0000,
0.0000

■ 50.0715, 50.0532,
61.6658

■ 50.0715, 50.0532,
61.6658

■ 44.6261, 41.5096,
60.3045

■ 56.1748, 59.8107,
63.2283

■ 39.8089, 34.1240,
59.1328

■ 62.9555, 70.8221,
64.9963

■ 35.5943, 27.8456,
58.1431

■ 70.4377, 83.1338,
66.9783

■ 31.9531, 22.6173,
57.3258

■ 75.7025, 90.9067,
68.2012

■ 28.8536, 18.3769,
56.6707

■ 77.6302, 91.9005,
68.2914

■ 26.2605, 15.0554,
56.1663

■ 79.6294, 92.9311,
68.3850

■ 24.1341, 12.5745,
55.7995

■ 81.7008, 93.9990,
68.4819

■ 22.4279, 10.8427,
55.5551

■ 83.8453, 95.1045,
68.5823

■ 21.0733, 9.7238,
55.4106

■ 86.0634, 96.2480,
68.6861

Harmonies

Analogous

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



48.5062, 50.0532, 64.5262



50.0715, 50.0532, 61.6658



50.9782, 50.0532, 56.9730

Triad

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



50.0715, 50.0532, 61.6658



48.4301, 50.0532, 45.5180



44.3441, 50.0532, 57.1949

Complementary

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



50.0715, 50.0532, 61.6658



50.2941, 55.5894, 53.4289

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.



44.3249, 50.0532, 52.0985



50.0715, 50.0532, 61.6658



46.6540, 50.0532, 45.5692

Square

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



50.0715, 50.0532, 61.6658



50.0146, 50.0532, 47.7666



45.1611, 50.0532, 47.9110



45.2142, 50.0532, 61.8369

Rectangle

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



50.0715, 50.0532, 61.6658



51.0730, 50.0532, 53.5373



45.1611, 50.0532, 47.9110



44.2387, 50.0532, 55.4730

Sweetspot

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



50.0730, 50.0553, 61.6669



92.8605, 96.4880, 108.3375



48.4064, 50.7865, 61.8959



19.8990, 20.6892, 23.1946



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.



50.0730, 50.0553, 61.6669



84.5762, 83.3153, 106.2316



51.0471, 50.5968, 59.9402



10.7482, 10.6440, 13.4055



13.3353, 6.1088, 35.2206



0.7036, 0.3264, 1.6711

Inverse Universe

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



50.1470, 50.2367, 55.2002



84.7527, 83.7177, 92.1735



49.3857, 55.0852, 55.0081



10.7681, 10.6906, 11.7623



15.7430, 8.0468, 3.8564



0.7785, 0.3942, 0.3565

Previews

White Background



This preview shows how the XYZ color 50.0715, 50.0532, 61.6658 looks on a white background.

Color Contrast Check

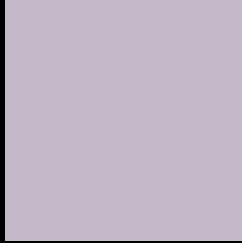
Large Text (above 18pt) WCAG AA × Fail

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 50.0715, 50.0532, 61.6658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

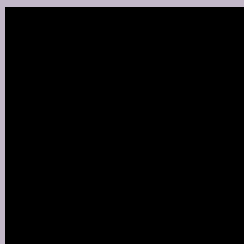
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.0715, 50.0532, 61.6658

Background



This preview shows how black text looks on a background with the XYZ color 50.0715, 50.0532, 61.6658.



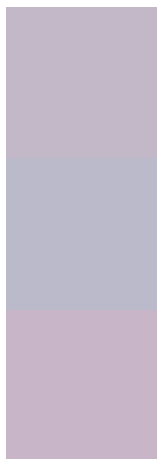
This preview shows how white text looks on a background with the XYZ color 50.0715, 50.0532,

61.6658.

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

50.0715, 50.0532, 61.6658

Protanopia

48.7131, 49.9469, 62.9504

Deuteranopia

50.9727, 49.9054, 61.5897



Tritanopia

49.9550, 50.0066, 61.0522

Trichromacy



Original Color

50.0715, 50.0532, 61.6658

Protanomaly

49.1268, 49.8621, 62.2934

Deuteranomaly

50.6475, 50.0429, 61.6334

Tritanomaly

49.9550, 50.0066, 61.0522

Monochromacy



Original Color

50.0715, 50.0532, 61.6658

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.8818, 50.4673, 57.6169

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.0715, 50.0532, 61.6658 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, 184, 200)` looks like.

```
.text, #text, p{  
    color:rgb(195, 184, 200)  
}
```

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, 184, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 184, 200) }
```

Border

The CSS property to change the border of an element to XYZ 50.0715, 50.0532, 61.6658 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, 184, 200) }
```


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

```
.border{ border-color:rgb(195, 184, 200) }
```

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

Here you see how a box with a 4 pixel rgb(195, 184, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 184, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 184, 200);  
box-shadow:4px 4px 4px 4px rgb(195, 184,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 50.0715, 50.0532, 61.6658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 184, 200) }
```

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

```
.background{ background-color: rgb(195,  
184, 200) }
```

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