

Converting Colors

XYZ(49.9514, 50.2216, 65.4241)

Have a look what the booklet for
XYZ(49.9514, 50.2216, 65.4241)
contains.

XYZ(49.9754, 50.2305, 65.4540)	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(49.9754, 50.2305,
65.4540)**

Conversions

Conversions Part 1

Format	Color
Hex	BFB9CE
RGB	191, 185, 206
RGB Percent	75%, 73%, 81%
CMY	0.2510, 0.2745, 0.1922
CMYK	0.07, 0.10, 0.00, 0.19
HSL	257°, 18%, 77%
HSV	257°, 10%, 81%
XYZ	49.9754, 50.2305, 65.4540
YIQ	189.1880, -3.1650, 7.8030

Conversions

Conversions Part 2

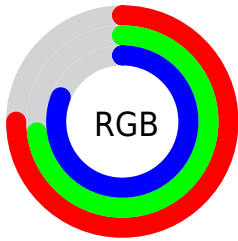
Format	Color
RYB	191, 185, 206
Decimal	12564942
CIELab	76.21, 6.10, -9.81
CIELCh	76, 11.553, 301.883
Yxy	50.2305, 0.3017, 0.3032
Android (android.graphics.Color)	4290755022 (0xFFBFB9CE)
YUV	189.1880, 8.2883, 1.5891
Hunter-Lab	70.8735, 1.8381, -5.1448

Details

The XYZ color **49.9754, 50.2305, 65.4540** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.6495, 59.9261, 54.5879**, and the grayscale version is **48.4339, 50.9563, 55.4914**.

A 20% lighter version of the original color is **87.8631, 89.9048, 107.3302**, and **24.4000, 24.1728, 33.0856** is the 20% darker color. If you saturate the color by 10%, you get **42.4578, 40.4156, 63.9565**, and if you desaturate by 10%, it is **58.4923, 61.4902, 67.1792**.

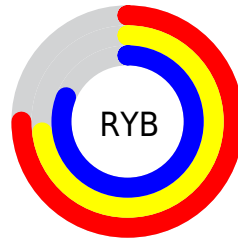
Distribution



Red (75%)

Green (73%)

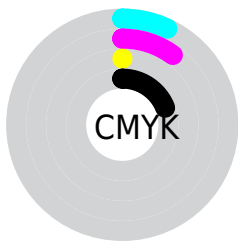
Blue (81%)



Red (75%)

Yellow (73%)

Blue (81%)

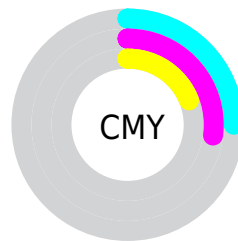


Cyan (7%)

Magenta (10%)

Yellow (0%)

Black (19%)



Cyan (25%)

Magenta (27%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.9754, 50.2305, 65.4540 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 49.9754, 50.2305, 65.4540 by changing the saturation by 10% instead.

■ 49.9754, 50.2305,
65.4540

■ 49.9754, 50.2305,
65.4540

377.0233,
387.5667, 462.7724

■ 35.6116, 35.5966,
47.3756

■ 89.3305, 90.5163,
114.3218

■ 24.3031, 24.1228,
32.9762

115.0524,
116.9370, 145.9484

■ 15.6845, 15.4247,
21.8373

145.2911,
148.0554, 182.9281

■ 9.3906, 9.1180,
13.5402

180.4119,
184.2558, 225.6794

■ 5.0560, 4.8182,
7.6665

220.7802,
225.9228, 274.6210

■ 2.3152, 2.1410,
3.7976

266.7613,

■ 0.8024, 0.6875,

273.4407, 330.1713

1.5150

318.7205,
327.1938, 392.7490

■ 0.0000, 0.0000,
0.2290

■ 0.0000, 0.0000,
0.0000

■ 49.9754, 50.2305,
65.4540

■ 49.9754, 50.2305,
65.4540

■ 42.4578, 40.4156,
63.9565

■ 58.4923, 61.4902,
67.1792

■ 35.8973, 31.9799,
62.6740

■ 68.0395, 74.2438,
69.1377

■ 30.2554, 24.8624,
61.5976

■ 78.6523, 88.5462,
71.3390

■ 25.4889, 18.9948,
60.7163

■ 86.2771, 96.2756,
72.4291

■ 21.5511, 14.3026,
60.0181

■ 88.1407, 97.2363,
72.5163

■ 18.3908, 10.7032,
59.4899

■ 15.9503, 8.1028,
59.1166

■ 14.1629, 6.3910,
58.8804

■ 12.9349, 5.3812,
58.7502

Harmonies

Analogous

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



47.8795, 50.2305, 67.4952



49.9754, 50.2305, 65.4540



51.5093, 50.2305, 60.5060

Triad

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



49.9754, 50.2305, 65.4540



49.7315, 50.2305, 44.8363



43.7014, 50.2305, 55.0852

Complementary

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



49.9754, 50.2305, 65.4540



54.6495, 59.9261, 54.5879

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.



44.1641, 50.2305, 49.2638



49.9754, 50.2305, 65.4540



47.6059, 50.2305, 43.6206

Square

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



49.9754, 50.2305, 65.4540



51.3656, 50.2305, 48.6336



45.5773, 50.2305, 45.1803



44.2941, 50.2305, 61.2347

Rectangle

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



49.9754, 50.2305, 65.4540



51.9837, 50.2305, 56.3933



45.5773, 50.2305, 45.1803



43.7386, 50.2305, 53.0262

Sweetspot

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



49.9769, 50.2326, 65.4551



90.6758, 94.1940, 108.0099



51.8157, 56.1038, 66.4914



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.



49.9769, 50.2326, 65.4551



78.4634, 78.0938, 105.5459



52.6997, 51.6363, 65.5825



10.8977, 10.9966, 14.1186



8.0482, 3.3565, 36.1800



0.4909, 0.2122, 1.8700

Inverse Universe

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



53.2296, 51.9921, 61.8759



84.6777, 81.4564, 98.6576



51.9529, 58.5359, 54.4617



11.5456, 11.3470, 13.4078



18.9678, 9.3977, 18.0808



1.0102, 0.4975, 1.0995

Previews

White Background



This preview shows how the XYZ color 49.9754, 50.2305, 65.4540 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 49.9754, 50.2305, 65.4540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

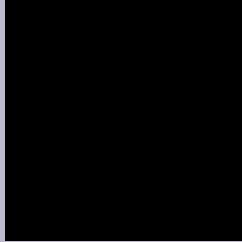
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.9754, 50.2305, 65.4540

Background



This preview shows how black text looks on a background with the XYZ color 49.9754, 50.2305, 65.4540.



This preview shows how white text looks on a background with the XYZ color 49.9754, 50.2305,

65.4540.

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

49.9754, 50.2305, 65.4540

Protanopia

49.2825, 50.4847, 66.1785

Deuteranopia

51.3628, 50.3290, 65.3999



Tritanopia

49.3367, 50.2820, 62.3634

Trichromacy



Original Color

49.9754, 50.2305, 65.4540

Protanomaly

49.5604, 50.3142, 66.1310

Deuteranomaly

50.7867, 50.3393, 65.4322

Tritanomaly

49.5736, 50.3768, 63.6108

Monochromacy



Original Color

49.9754, 50.2305, 65.4540

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.0688, 50.8537, 58.8593

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.9754, 50.2305, 65.4540 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(191, 185, 206)` looks like.

```
.text, #text, p{  
    color:rgb(191, 185, 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(191, 185, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 185, 206) }
```

Border

The CSS property to change the border of an element to XYZ 49.9754, 50.2305, 65.4540 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(191, 185, 206) }
```


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

```
.border{ border-color:rgb(191, 185, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 185, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 185, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 185, 206);  
box-shadow:4px 4px 4px 4px rgb(191, 185,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 49.9754, 50.2305, 65.4540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 185, 206) }
```

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

```
.background{ background-color: rgb(191,  
185, 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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