

Converting Colors

XYZ(50.8499, 50.5514, 71.3673)

Have a look what the booklet for
XYZ(50.8499, 50.5514, 71.3673)
contains.

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Color

**XYZ(50.8499, 50.5514,
71.3673)**

Conversions

Conversions Part 1

Format	Color
Hex	BEB9D7
RGB	190, 185, 215
RGB Percent	75%, 73%, 84%
CMY	0.2549, 0.2745, 0.1569
CMYK	0.12, 0.14, 0.00, 0.16
HSL	250°, 27%, 78%
HSV	250°, 14%, 84%
XYZ	50.8499, 50.5514, 71.3673
YIQ	189.9150, -6.6500, 10.3900

Conversions

Conversions Part 2

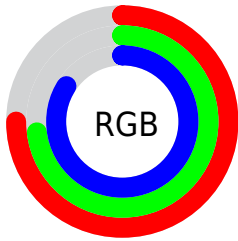
Format	Color
RYB	190, 185, 215
Decimal	12499415
CIELab	76.41, 7.60, -14.41
CIELCh	76, 16.289, 297.802
Yxy	50.5514, 0.2943, 0.2926
Android (android.graphics.Color)	4290689495 (0xFFBEB9D7)
YUV	189.9150, 12.3669, 0.0745
Hunter-Lab	71.0995, 3.2379, -9.7437

Details

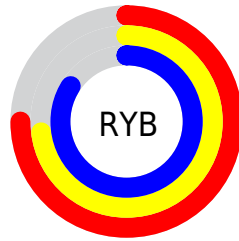
The XYZ color **50.8499, 50.5514, 71.3673** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **59.6376, 65.8067, 55.4601**, and the grayscale version is **48.8297, 51.3727, 55.9449**.

A 20% lighter version of the original color is **87.5113, 89.7234, 107.3138**, and **24.7498, 24.2748, 36.6388** is the 20% darker color. If you saturate the color by 10%, you get **42.4844, 40.0603, 69.7840**, and if you desaturate by 10%, it is **60.4488, 62.6906, 73.2053**.

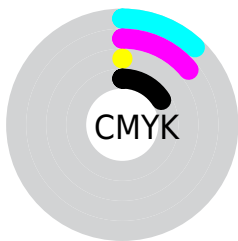
Distribution



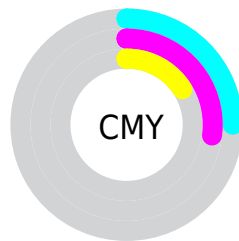
- Red (75%)
- Green (73%)
- Blue (84%)



- Red (75%)
- Yellow (73%)
- Blue (84%)



- Cyan (12%)
- Magenta (14%)
- Yellow (0%)
- Black (16%)



- Cyan (25%)
- Magenta (27%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.8499, 50.5514, 71.3673 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 50.8499, 50.5514, 71.3673 by changing the saturation by 10% instead.

■ 50.8499, 50.5514,
71.3673

■ 50.8499, 50.5514,
71.3673

380.3776,
388.8184, 484.2546

■ 36.3097, 35.8517,
52.1583

■ 90.6172, 90.9913,
122.8559

■ 24.8447, 24.3197,
36.7482

116.5750,
117.5004, 155.9726

■ 16.0895, 15.5709,
24.7183

147.0694,
148.7146, 194.5623

■ 9.6788, 9.2211,
15.6502

182.4657,
185.0185, 239.0436

■ 5.2471, 4.8857,
9.1253

223.1294,
226.7965, 289.8349

■ 2.4292, 2.1803,
4.7251

269.4256,

■ 0.8597, 0.7092,

274.4328, 347.3548

2.0310

321.7199,
328.3120, 412.0218

■ 0.0000, 0.0000,
0.5742

■ 0.0000, 0.0000,
0.0000

■ 50.8499, 50.5514,
71.3673

■ 50.8499, 50.5514,
71.3673

■ 42.4844, 40.0603,
69.7840

■ 60.4488, 62.6906,
73.2053

■ 35.2974, 31.1399,
68.4410

■ 71.3239, 76.5384,
75.3050

■ 29.2366, 23.7158,
67.3274

■ 83.5216, 92.1598,
77.6773

■ 24.2440, 17.7054,
66.4305

■ 89.2659, 97.6864,
78.4413

■ 20.2562, 13.0177,
65.7358

■ 17.2029, 9.5510,
65.2276

■ 15.0043, 7.1887,
64.8875

■ 13.5663, 5.7905,
64.6934

■ 12.9871, 5.2782,
64.6251

Harmonies

Analogous

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



47.8218, 50.5514, 73.6947



50.8499, 50.5514, 71.3673



53.2107, 50.5514, 64.5369

Triad

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



50.8499, 50.5514, 71.3673



51.2577, 50.5514, 41.9558



42.3944, 50.5514, 54.3969

Complementary

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



50.8499, 50.5514, 71.3673



59.6376, 65.8067, 55.4601

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.



43.2298, 50.5514, 46.5270



50.8499, 50.5514, 71.3673



48.2741, 50.5514, 39.8363

Square

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



50.8499, 50.5514, 71.3673



53.4530, 50.5514, 47.5370



45.3502, 50.5514, 41.4178



43.0194, 50.5514, 63.2978

Rectangle

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



50.8499, 50.5514, 71.3673



54.0429, 50.5514, 58.6867



45.3502, 50.5514, 41.4178



42.5129, 50.5514, 51.5511

Sweetspot

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



50.8514, 50.5535, 71.3684



88.8233, 92.0871, 107.7008



55.4452, 61.5625, 73.2513



18.7686, 19.4018, 23.0057



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.



50.8514, 50.5535, 71.3684



70.6810, 69.1724, 104.2341



54.6555, 52.5146, 71.5465



11.9335, 12.1071, 15.6455



7.8280, 3.1880, 38.6559



0.5329, 0.2236, 2.3344

Inverse Universe

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



57.0079, 53.8004, 68.3552



81.6049, 74.9357, 98.7895



55.6941, 63.7737, 55.2756



12.8600, 12.5955, 15.2032



21.6735, 10.6057, 26.6486



1.3314, 0.6493, 1.7345

Previews

White Background



This preview shows how the XYZ color 50.8499, 50.5514, 71.3673 looks on a white background.

Color Contrast Check

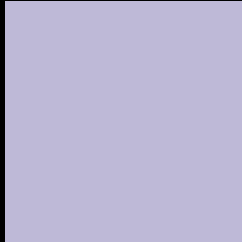
Large Text (above 18pt) WCAG AA × Fail

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 50.8499, 50.5514, 71.3673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

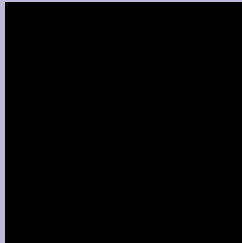
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.8499, 50.5514, 71.3673

Background



This preview shows how black text looks on a background with the XYZ color 50.8499, 50.5514, 71.3673.



This preview shows how white text looks on a background with the XYZ color 50.8499, 50.5514,

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

50.8499, 50.5514, 71.3673

Protanopia

49.6934, 50.5658, 72.1068

Deuteranopia

51.6544, 50.6566, 71.3452



Tritanopia

49.1700, 50.4963, 63.0323

Trichromacy



Original Color

50.8499, 50.5514, 71.3673

Protanomaly

50.2033, 50.5148, 72.0701

Deuteranomaly

51.3986, 50.5247, 71.3332

Tritanomaly

49.8077, 50.4416, 66.1425

Monochromacy



Original Color

50.8499, 50.5514, 71.3673

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.5272, 51.0371, 61.2736

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.8499, 50.5514, 71.3673 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(190, 185, 215)` looks like.

```
.text, #text, p{  
    color:rgb(190, 185, 215)  
}
```

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(190, 185, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 185, 215) }
```

Border

The CSS property to change the border of an element to XYZ 50.8499, 50.5514, 71.3673 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(190, 185, 215) }
```


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

```
.border{ border-color:rgb(190, 185, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 185, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 185, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 185, 215);  
box-shadow:4px 4px 4px 4px rgb(190, 185,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 50.8499, 50.5514, 71.3673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 185, 215) }
```

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

```
.background{ background-color: rgb(190,  
185, 215) }
```

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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