

Converting Colors

XYZ(53.5651, 51.6816, 68.0401)

Have a look what the booklet for
XYZ(53.5651, 51.6816, 68.0401)
contains.

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Color

**XYZ(53.6752, 51.7715,
68.1367)**

Conversions

Conversions Part 1

Format	Color
Hex	CCB8D2
RGB	204, 184, 210
RGB Percent	80%, 72%, 82%
CMY	0.2000, 0.2784, 0.1765
CMYK	0.03, 0.12, 0.00, 0.18
HSL	286°, 22%, 77%
HSV	286°, 12%, 82%
XYZ	53.6752, 51.7715, 68.1367
YIQ	192.9440, 3.5740, 12.3260

Conversions

Conversions Part 2

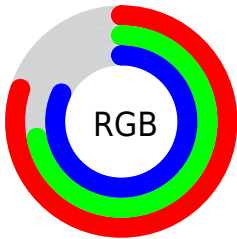
Format	Color
R_{YB}	204, 184, 210
Decimal	13416658
CIE _{Lab}	77.14, 11.80, -10.48
CIE _{LCh}	77, 15.780, 318.405
Yxy	51.7715, 0.3092, 0.2983
Android (android.graphics.Color)	4291606738 (0xFFCCB8D2)
YUV	192.9440, 8.4086, 9.6961
Hunter-Lab	71.9524, 7.2410, -5.7791

Details

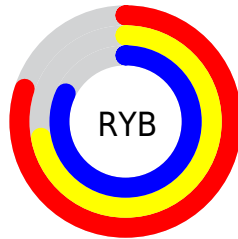
The XYZ color **53.6752, 51.7715, 68.1367** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **52.9354, 60.5024, 54.2381**, and the grayscale version is **50.6077, 53.2432, 57.9819**.

A 20% lighter version of the original color is **90.4501, 90.8002, 107.3667**, and **26.6947, 25.1169, 34.8936** is the 20% darker color. If you saturate the color by 10%, you get **48.3253, 43.0125, 66.7288**, and if you desaturate by 10%, it is **59.7170, 61.8513, 69.7646**.

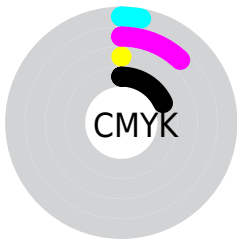
Distribution



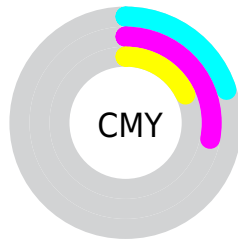
- Red (80%)
- Green (72%)
- Blue (82%)



- Red (80%)
- Yellow (72%)
- Blue (82%)



- Cyan (3%)
- Magenta (12%)
- Yellow (0%)
- Black (18%)



- Cyan (20%)
- Magenta (28%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.6752, 51.7715, 68.1367 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 53.6752, 51.7715, 68.1367 by changing the saturation by 10% instead.

■ 53.6752, 51.7715,
68.1367

■ 53.6752, 51.7715,
68.1367

391.0888,
393.5538, 472.5914

■ 38.5717, 36.8230,
49.5416

■ 94.7569, 92.7942,
118.2037

■ 26.6059, 25.0705,
34.6807

121.4657,
119.6371, 150.5127

■ 17.4125, 16.1296,
23.1354

152.7738,
151.2136, 188.2301

■ 10.6262, 9.6159,
14.4873

189.0463,
187.9081, 231.7744

■ 5.8815, 5.1450,
8.3177

230.6488,
230.1050, 281.5641

■ 2.8131, 2.3326,
4.2083

277.9464,

■ 1.0557, 0.7909,

278.1886, 338.0178

1.7403

331.3046,
332.5435, 401.5541

■ 0.0000, 0.0000,
0.3881

■ 0.0000, 0.0000,
0.0000

■ 53.6752, 51.7715,
68.1367

■ 53.6752, 51.7715,
68.1367

■ 48.3253, 43.0125,
66.7288

■ 59.7170, 61.8513,
69.7646

■ 43.6340, 35.5107,
65.5281

■ 66.4732, 73.2989,
71.6181

■ 39.5719, 29.2070,
64.5254

■ 73.9709, 86.1669,
73.7068

■ 36.1054, 24.0348,
63.7098

■ 77.9441, 91.9229,
74.6084

■ 33.1978, 19.9213,
63.0690

■ 79.4624, 92.7056,
74.6794

■ 30.8080, 16.7846,
62.5896

■ 81.0238, 93.5105,
74.7525

■ 28.8886, 14.5310,
62.2557

■ 82.6286, 94.3378,
74.8276

■ 27.3830, 13.0478,
62.0488

■ 84.2773, 95.1878,
74.9048

■ 26.4391, 12.2860,
61.9515

■ 85.9701, 96.0604,
74.9840

Harmonies

Analogous

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



51.0620, 51.7715, 73.6528



53.6752, 51.7715, 68.1367



55.1126, 51.7715, 59.7765

Triad

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



53.6752, 51.7715, 68.1367



50.3826, 51.7715, 41.6092



43.9047, 51.7715, 61.7813

Complementary

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



53.6752, 51.7715, 68.1367



52.9354, 60.5024, 54.2381

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.



43.7396, 51.7715, 53.0961



53.6752, 51.7715, 68.1367



47.3980, 51.7715, 42.0279

Square

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



53.6752, 51.7715, 68.1367



53.1604, 51.7715, 44.8342



44.9944, 51.7715, 46.0431



45.4551, 51.7715, 69.7329

Rectangle

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



53.6752, 51.7715, 68.1367



55.1731, 51.7715, 53.9761



44.9944, 51.7715, 46.0431



43.6878, 51.7715, 58.8344

Sweetspot

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



53.6767, 51.7737, 68.1378



91.0212, 93.2201, 107.8037



49.8300, 51.7016, 68.3267



19.3244, 19.6883, 23.0317



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.



53.6767, 51.7737, 68.1378



80.8650, 76.3409, 105.0810



54.5079, 52.2998, 63.7649



12.0329, 11.8658, 14.8998



16.2189, 7.5414, 37.7933



0.9735, 0.4560, 2.1163

Inverse Universe

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



53.0149, 51.7027, 55.9031



79.6580, 76.2247, 82.1625



52.2122, 60.0435, 58.0916



11.9189, 11.8523, 12.8489



16.5760, 8.5032, 2.6734



0.9581, 0.4880, 0.3141

Previews

White Background



This preview shows how the XYZ color 53.6752, 51.7715, 68.1367 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 53.6752, 51.7715, 68.1367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

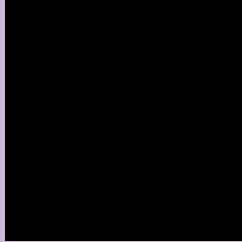
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.6752, 51.7715, 68.1367

Background



This preview shows how black text looks on a background with the XYZ color 53.6752, 51.7715, 68.1367.



This preview shows how white text looks on a background with the XYZ color 53.6752, 51.7715,

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

53.6752, 51.7715, 68.1367

Protanopia

50.7014, 51.7641, 70.2700

Deuteranopia

52.8012, 51.6304, 68.1555



Tritanopia

52.6128, 51.9845, 61.9046

Trichromacy



Original Color

53.6752, 51.7715, 68.1367

Protanomaly

51.6463, 51.6316, 69.5312

Deuteranomaly

53.0692, 51.7686, 68.1681

Tritanomaly

52.8766, 51.7541, 64.3294

Monochromacy



Original Color

53.6752, 51.7715, 68.1367

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.7482, 52.8207, 61.5008

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6752, 51.7715, 68.1367 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(204, 184, 210)` looks like.

```
.text, #text, p{  
    color:rgb(204, 184, 210)  
}
```

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(204, 184, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 184, 210) }
```

Border

The CSS property to change the border of an element to XYZ 53.6752, 51.7715, 68.1367 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(204, 184, 210) }
```


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

```
.border{ border-color:rgb(204, 184, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 184, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 184, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 184, 210);  
box-shadow:4px 4px 4px 4px rgb(204, 184,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6752, 51.7715, 68.1367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 184, 210) }
```

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

```
.background{ background-color: rgb(204,  
184, 210) }
```

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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