

Converting Colors

XYZ(53.0723, 53.3504, 68.4732)

Have a look what the booklet for
XYZ(53.0723, 53.3504, 68.4732)
contains.

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Color

**XYZ(53.0723, 53.3504,
68.4732)**

Conversions

Conversions Part 1

Format	Color
Hex	C5BED2
RGB	197, 190, 210
RGB Percent	77%, 75%, 82%
CMY	0.2274, 0.2549, 0.1765
CMYK	0.06, 0.10, 0.00, 0.18
HSL	261°, 18%, 78%
HSV	261°, 10%, 82%
XYZ	53.0723, 53.3504, 68.4732
YIQ	194.3730, -2.2480, 7.7040

Conversions

Conversions Part 2

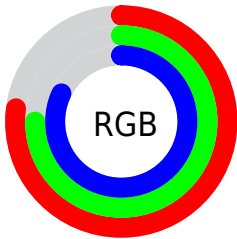
Format	Color
R_{YB}	197, 190, 210
Decimal	12959442
CIE _{Lab}	78.08, 6.21, -9.14
CIE _{LCh}	78, 11.049, 304.180
Yxy	53.3504, 0.3035, 0.3050
Android (android.graphics.Color)	4291149522 (0xFFC5BED2)
YUV	194.3730, 7.7041, 2.3039
Hunter-Lab	73.0414, 1.8768, -4.4529

Details

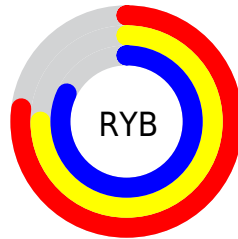
The XYZ color **53.0723, 53.3504, 68.4732** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.9714, 62.5088, 57.7805**, and the grayscale version is **51.4572, 54.1370, 58.9552**.

A 20% lighter version of the original color is **91.8788, 94.2024, 107.9481**, and **26.2741, 26.1313, 35.1115** is the 20% darker color. If you saturate the color by 10%, you get **45.4336, 43.1410, 66.9060**, and if you desaturate by 10%, it is **61.6933, 65.0419, 70.2763**.

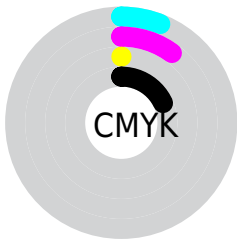
Distribution



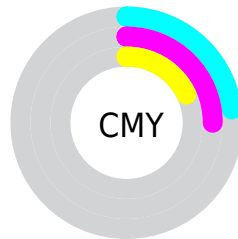
- Red (77%)
- Green (75%)
- Blue (82%)



- Red (77%)
- Yellow (75%)
- Blue (82%)



- Cyan (6%)
- Magenta (10%)
- Yellow (0%)
- Black (18%)



- Cyan (23%)
- Magenta (25%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.0723, 53.3504, 68.4732 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 53.0723, 53.3504, 68.4732 by changing the saturation by 10% instead.

■ 53.0723, 53.3504,
68.4732

■ 53.0723, 53.3504,
68.4732

388.8188,
399.6280, 473.8143

■ 38.0882, 38.0826,
49.8137

■ 93.8756, 95.1198,
118.6894

■ 26.2287, 26.0468,
34.8953

120.4256,
122.3901, 151.0833

■ 17.1284, 16.8586,
23.2993

151.5616,
154.4301, 188.8923

■ 10.4219, 10.1338,
14.6073

187.6489,
191.6240, 232.5351

■ 5.7440, 5.4877,
8.4007

229.0529,
234.3564, 282.4301

■ 2.7292, 2.5362,
4.2610

276.1390,

■ 1.0122, 0.8947,

283.0116, 338.9960

1.7696

329.2725,
337.9740, 402.6512

■ 0.0000, 0.0000,
0.4078

■ 0.0000, 0.0000,
0.0000

■ 53.0723, 53.3504,
68.4732

■ 53.0723, 53.3504,
68.4732

■ 45.4336, 43.1410,
66.9060

■ 61.6933, 65.0419,
70.2763

■ 38.7359, 34.3468,
65.5616

■ 71.3262, 78.2653,
72.3210

■ 32.9421, 26.9056,
64.4306

■ 82.0055, 93.0767,
74.6170

■ 28.0105, 20.7478,
63.5020

■ 87.3965, 96.7958,
75.0507

■ 23.8960, 15.7978,
62.7634

■ 88.6330, 97.4332,
75.1086

■ 20.5487, 11.9714,
62.2012

■ 17.9131, 9.1733,
61.8001

■ 15.9243, 7.2915,
61.5417

■ 14.4783, 6.1362,
61.3949

Harmonies

Analogous

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



51.0107, 53.3504, 70.7506



53.0723, 53.3504, 68.4732



54.5312, 53.3504, 63.4144

Triad

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



53.0723, 53.3504, 68.4732



52.5347, 53.3504, 48.0460



46.6855, 53.3504, 58.9591

Complementary

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



53.0723, 53.3504, 68.4732



56.9714, 62.5088, 57.7805

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.



47.0677, 53.3504, 53.0714



53.0723, 53.3504, 68.4732



50.4064, 53.3504, 47.0369

Square

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



53.0723, 53.3504, 68.4732



54.2147, 53.3504, 51.6727



48.4149, 53.3504, 48.8125



47.3558, 53.3504, 65.0167

Rectangle

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



53.0723, 53.3504, 68.4732



54.9441, 53.3504, 59.3015



48.4149, 53.3504, 48.8125



46.6953, 53.3504, 56.8942

Sweetspot

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



53.0739, 53.3527, 68.4744



90.8519, 94.2848, 108.0181



54.3047, 58.4716, 69.3975



19.2111, 19.8617, 23.0711



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.



53.0739, 53.3527, 68.4744



80.3521, 80.0949, 105.8326



55.6871, 54.6998, 68.5967



11.5483, 11.6160, 14.8771



8.8930, 3.7648, 37.4505



0.5822, 0.2543, 2.0980

Inverse Universe

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



55.7731, 54.8427, 64.1486



85.2051, 82.7747, 98.0206



54.4201, 61.1936, 57.6611



12.1278, 11.9359, 13.9488



18.9948, 9.4708, 15.4108



1.0989, 0.5443, 1.0554

Previews

White Background



This preview shows how the XYZ color 53.0723, 53.3504, 68.4732 looks on a white background.

Color Contrast Check

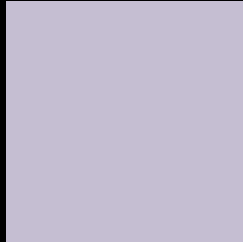
Large Text (above 18pt) WCAG AA × Fail

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 53.0723, 53.3504, 68.4732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

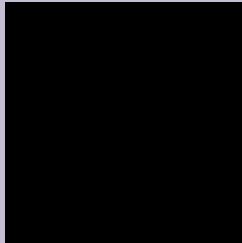
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.0723, 53.3504, 68.4732

Background



This preview shows how black text looks on a background with the XYZ color 53.0723, 53.3504, 68.4732.



This preview shows how white text looks on a background with the XYZ color 53.0723, 53.3504,

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

53.0723, 53.3504, 68.4732

Protanopia

52.0934, 53.4788, 69.2048

Deuteranopia

54.5179, 53.4570, 68.4176



Tritanopia

52.5363, 53.4536, 65.9411

Trichromacy



Original Color

53.0723, 53.3504, 68.4732

Protanomaly

52.3810, 53.3022, 69.1556

Deuteranomaly

53.9178, 53.4658, 68.4509

Tritanomaly

52.6582, 53.5024, 66.5831

Monochromacy



Original Color

53.0723, 53.3504, 68.4732

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

52.0010, 53.9122, 62.3089

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0723, 53.3504, 68.4732 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(197, 190, 210)` looks like.

```
.text, #text, p{  
    color:rgb(197, 190, 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(197, 190, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 190, 210) }
```

Border

The CSS property to change the border of an element to XYZ 53.0723, 53.3504, 68.4732 is called "border". The border property can be set on classes, ids or directly on the HTML element.

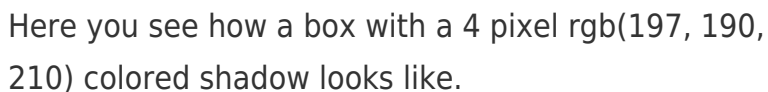
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 190, 210) }
```


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

```
.border{ border-color:rgb(197, 190, 210) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 190, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 190, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 190, 210);  
box-shadow:4px 4px 4px 4px rgb(197, 190,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0723, 53.3504, 68.4732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 190, 210) }
```

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

```
.background{ background-color: rgb(197,  
190, 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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