

Converting Colors

XYZ(53.9434, 52.9504, 77.8983)

Have a look what the booklet for
XYZ(53.9434, 52.9504, 77.8983)
contains.

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Color

**XYZ(53.9434, 52.9504,
77.8983)**

Conversions

Conversions Part 1

Format	Color
Hex	C3BCE0
RGB	195, 188, 224
RGB Percent	76%, 74%, 88%
CMY	0.2353, 0.2627, 0.1216
CMYK	0.13, 0.16, 0.00, 0.12
HSL	252°, 37%, 81%
HSV	252°, 16%, 88%
XYZ	53.9434, 52.9504, 77.8983
YIQ	194.1970, -7.3840, 12.6800

Conversions

Conversions Part 2

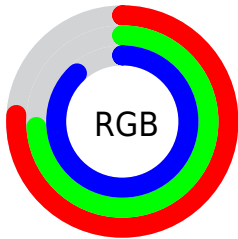
Format	Color
R _Y B	195, 188, 224
Decimal	12827872
CIE Lab	77.85, 9.46, -17.07
CIE LCh	78, 19.521, 299.000
Yxy	52.9504, 0.2919, 0.2865
Android (android.graphics.Color)	4291017952 (0xFFC3BCE0)
YUV	194.1970, 14.6929, 0.7042
Hunter-Lab	72.7670, 4.9827, -12.5340

Details

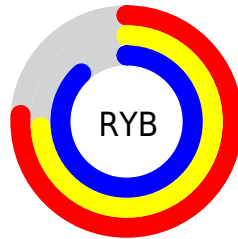
The XYZ color **53.9434, 52.9504, 77.8983** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **64.3500, 71.6953, 58.0265**, and the grayscale version is **51.3150, 53.9874, 58.7923**.

A 20% lighter version of the original color is **90.5456, 92.6168, 107.7123**, and **26.8099, 25.8552, 41.1136** is the 20% darker color. If you saturate the color by 10%, you get **45.1405, 41.8527, 76.2210**, and if you desaturate by 10%, it is **64.0557, 65.8284, 79.8519**.

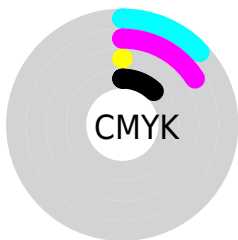
Distribution



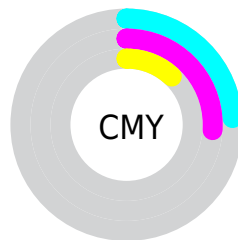
- Red (76%)
- Green (74%)
- Blue (88%)



- Red (76%)
- Yellow (74%)
- Blue (88%)



- Cyan (13%)
- Magenta (16%)
- Yellow (0%)
- Black (12%)



- Cyan (24%)
- Magenta (26%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.9434, 52.9504, 77.8983 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 53.9434, 52.9504, 77.8983 by changing the saturation by 10% instead.

■ 53.9434, 52.9504,
77.8983

■ 53.9434, 52.9504,
77.8983

392.0960,
398.0948, 507.3401

■ 38.7869, 37.7632,
57.4745

■ 95.1485, 94.5314,
132.1913

■ 26.7740, 25.7989,
40.9744

121.9278,
121.6939, 166.8976

■ 17.5392, 16.6733,
27.9795

153.3122,
153.6170, 207.2018

■ 10.7174, 10.0018,
18.0713

189.6668,
190.6851, 253.5224

■ 5.9430, 5.4002,
10.8312

231.3572,
233.2825, 306.2780

■ 2.8508, 2.4839,
5.8407

278.7486,

■ 1.0754, 0.8686,

281.7937, 365.8871

2.6813

332.2064,
336.6030, 432.7683

■ 0.0043, 0.0000,
0.9340

■ 0.0000, 0.0000,
0.0000

■ 53.9434, 52.9504,
77.8983

■ 53.9434, 52.9504,
77.8983

■ 45.1405, 41.8527,
76.2210

■ 64.0557, 65.8284,
79.8519

■ 37.5881, 32.4499,
74.8042

■ 75.5236, 80.5537,
82.0897

■ 31.2297, 24.6599,
73.6357

■ 88.3313, 97.0672,
84.6021

■ 26.0027, 18.3906,
72.7011

■ 90.4547, 98.1619,
84.7015

■ 21.8384, 13.5408,
71.9844

■ 18.6605, 9.9966,
71.4678

■ 16.3817, 7.6261,
71.1304

■ 14.8972, 6.2673,
70.9464

■ 14.4738, 5.9073,
70.8992

Harmonies

Analogous

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



50.2007, 52.9504, 81.1357



53.9434, 52.9504, 77.8983



56.8351, 52.9504, 69.0831

Triad

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



53.9434, 52.9504, 77.8983



54.1745, 52.9504, 41.5535



43.3886, 52.9504, 57.2904

Complementary

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



53.9434, 52.9504, 77.8983



64.3500, 71.6953, 58.0265

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.



44.3371, 52.9504, 47.5605



53.9434, 52.9504, 77.8983



50.4551, 52.9504, 39.2057

Square

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



53.9434, 52.9504, 77.8983



56.9732, 52.9504, 48.1178



46.8774, 52.9504, 41.2613



44.2203, 52.9504, 68.3736

Rectangle

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



53.9434, 52.9504, 77.8983



57.8242, 52.9504, 61.7281



46.8774, 52.9504, 41.2613



43.5090, 52.9504, 53.7632

Sweetspot

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



53.9450, 52.9526, 77.8995



87.4381, 90.2368, 107.4167



59.1114, 65.9069, 80.1276



18.4944, 19.0316, 22.9487



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.



53.9450, 52.9526, 77.8995



68.5634, 66.2219, 103.7762



58.7642, 55.4370, 78.1250



13.1995, 13.3709, 17.2728



8.4979, 3.4761, 41.2714



0.6607, 0.2779, 2.8641

Inverse Universe

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



61.2499, 56.8258, 73.3886



80.0144, 72.2961, 96.5902



59.3939, 69.1403, 57.7946



14.1748, 13.8876, 16.6908



22.7568, 11.1697, 26.4487



1.6070, 0.7861, 1.9893

Previews

White Background



This preview shows how the XYZ color 53.9434, 52.9504, 77.8983 looks on a white background.

Color Contrast Check

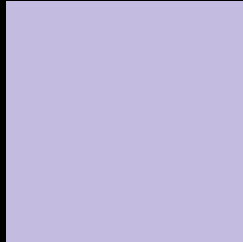
Large Text (above 18pt) WCAG AA × Fail

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 53.9434, 52.9504, 77.8983 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 53.9434, 52.9504, 77.8983

Background



This preview shows how black text looks on a background with the XYZ color 53.9434, 52.9504, 77.8983.



This preview shows how white text looks on a background with the XYZ color 53.9434, 52.9504,

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

53.9434, 52.9504, 77.8983

Protanopia

52.6080, 53.1917, 79.4458

Deuteranopia

54.2027, 53.0840, 77.9105



Tritanopia

51.5096, 52.9243, 65.8931

Trichromacy



Original Color

53.9434, 52.9504, 77.8983

Protanomaly

52.9903, 53.0820, 78.6871

Deuteranomaly

54.2027, 53.0840, 77.9105

Tritanomaly

52.4160, 52.9685, 70.4121

Monochromacy



Original Color

53.9434, 52.9504, 77.8983

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

52.1172, 53.5764, 65.3520

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9434, 52.9504, 77.8983 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, 188, 224)` looks like.

```
.text, #text, p{  
    color:rgb(195, 188, 224)  
}
```

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, 188, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 188, 224) }
```

Border

The CSS property to change the border of an element to XYZ 53.9434, 52.9504, 77.8983 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, 188, 224) }
```


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

```
.border{ border-color:rgb(195, 188, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 188, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 188, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 188, 224);  
box-shadow:4px 4px 4px 4px rgb(195, 188,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9434, 52.9504, 77.8983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 188, 224) }
```

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

```
.background{ background-color: rgb(195,  
188, 224) }
```

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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