

Converting Colors

XYZ(56.2133, 53.3604, 89.8044)

Have a look what the booklet for
XYZ(56.2133, 53.3604, 89.8044)
contains.

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Color

**XYZ(56.0520, 53.1448,
89.7418)**

Conversions

Conversions Part 1

Format	Color
Hex	C4BAF0
RGB	196, 186, 240
RGB Percent	77%, 73%, 94%
CMY	0.2314, 0.2706, 0.0588
CMYK	0.18, 0.22, 0.00, 0.06
HSL	251°, 64%, 84%
HSV	251°, 22%, 94%
XYZ	56.0520, 53.1448, 89.7418
YIQ	195.1460, -11.3740, 18.9140

Conversions

Conversions Part 2

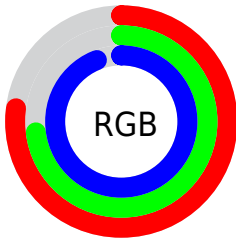
Format	Color
R_{YB}	196, 186, 240
Decimal	12892912
CIE _{Lab}	77.96, 14.29, -25.52
CIE _{LCh}	78, 29.248, 299.257
Yxy	53.1448, 0.2818, 0.2671
Android (android.graphics.Color)	4291082992 (0xFFC4BAF0)
YUV	195.1460, 22.1130, 0.7490
Hunter-Lab	72.9005, 9.6699, -21.9567

Details

The XYZ color **56.0520, 53.1448, 89.7418** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **72.6578, 82.6897, 58.5879**, and the grayscale version is **51.8373, 54.5369, 59.3907**.

A 20% lighter version of the original color is **90.3101, 91.6069, 107.5298**, and **28.1946, 25.9865, 48.8773** is the 20% darker color. If you saturate the color by 10%, you get **46.6550, 41.4156, 87.9740**, and if you desaturate by 10%, it is **66.9646, 66.9184, 91.8261**.

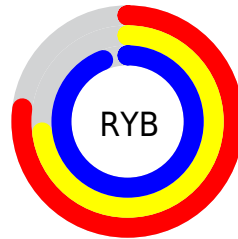
Distribution



Red (77%)

Green (73%)

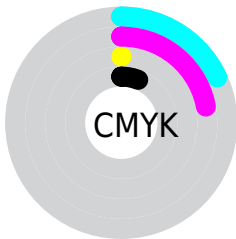
Blue (94%)



Red (77%)

Yellow (73%)

Blue (94%)

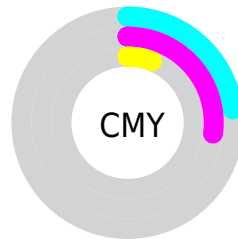


Cyan (18%)

Magenta (22%)

Yellow (0%)

Black (6%)



Cyan (23%)

Magenta (27%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0520, 53.1448, 89.7418 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 56.0520, 53.1448, 89.7418 by changing the saturation by 10% instead.

■ 56.0520, 53.1448,
89.7418

■ 56.0520, 53.1448,
89.7418

399.9593,
398.8404, 547.7390

■ 40.4818, 37.9184,
67.1940

■ 98.2200, 94.8174,
148.9121

■ 28.1003, 25.9193,
48.7797

125.5484,
122.0324, 186.3716

■ 18.5421, 16.7633,
34.0804

157.5270,
154.0123, 229.6389

■ 11.4419, 10.0659,
22.6775

194.5211,
191.1416, 279.1323

■ 6.4344, 5.4427,
14.1525

236.8960,
233.8047, 335.2705

■ 3.1541, 2.5093,
8.0869

285.0171,

■ 1.2358, 0.8813,

282.3859, 398.4720

4.0620

339.2497,
337.2697, 469.1553

■ 0.1343, 0.0000,
1.6594

■ 0.0000, 0.0000,
0.3327

■ 56.0520, 53.1448,
89.7418

■ 56.0520, 53.1448,
89.7418

■ 46.6550, 41.4156,
87.9740

■ 66.9646, 66.9184,
91.8261

■ 38.7006, 31.6265,
86.5037

■ 79.4513, 82.8212,
94.2375

■ 32.1174, 23.6735,
85.3156

■ 92.6074, 99.0090,
96.6687

■ 26.8259, 17.4403,
84.3914

■ 92.7283, 99.0713,
96.6743

■ 22.7377, 12.7972,
83.7106

■ 19.7531, 9.5955,
83.2500

■ 17.7548, 7.6572,
82.9812

■ 16.7860, 6.8366,
82.8738

Harmonies

Analogous

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



50.3709, 53.1448, 95.2023



56.0520, 53.1448, 89.7418



60.5140, 53.1448, 75.4108

Triad

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



56.0520, 53.1448, 89.7418



56.3157, 53.1448, 34.8922



40.3411, 53.1448, 57.4604

Complementary

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



56.0520, 53.1448, 89.7418



72.6578, 82.6897, 58.5879

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.



41.6786, 53.1448, 43.2776



56.0520, 53.1448, 89.7418



50.6545, 53.1448, 31.8439

Square

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



56.0520, 53.1448, 89.7418



60.6742, 53.1448, 43.8599



45.3506, 53.1448, 34.6031



41.5540, 53.1448, 74.5746

Rectangle

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



56.0520, 53.1448, 89.7418



62.0451, 53.1448, 63.9064



45.3506, 53.1448, 34.6031



40.5056, 53.1448, 52.2181

Sweetspot

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



56.0537, 53.1470, 89.7430



84.4675, 86.4803, 106.8482



64.3042, 73.3812, 93.2138



17.8934, 18.2733, 22.8340



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.



56.0537, 53.1470, 89.7430



59.1668, 54.5293, 102.0145



63.6894, 57.0833, 90.1003



15.1703, 15.3695, 19.8887



9.2694, 3.7840, 45.3697



0.8463, 0.3535, 3.7779

Inverse Universe

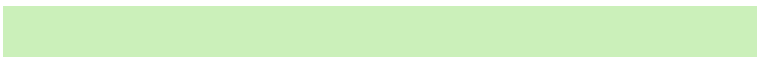
The Inverse Universe completely reimagines the original color for something new.



67.7787, 59.3583, 82.7500



74.8953, 62.8670, 92.3897



64.6805, 78.5772, 58.2146



16.3214, 15.9783, 19.2486



25.1446, 12.3303, 29.7419



2.1240, 1.0386, 2.6437

Previews

White Background



This preview shows how the XYZ color 56.0520, 53.1448, 89.7418 looks on a white background.

Color Contrast Check

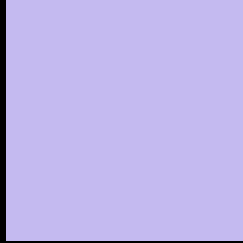
Large Text (above 18pt) WCAG AA × Fail

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 56.0520, 53.1448, 89.7418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

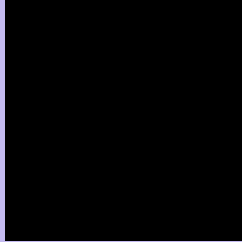
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.0520, 53.1448, 89.7418

Background



This preview shows how black text looks on a background with the XYZ color 56.0520, 53.1448, 89.7418.



This preview shows how white text looks on a background with the XYZ color 56.0520, 53.1448,

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

56.0520, 53.1448, 89.7418

Protanopia

53.6309, 53.4360, 92.2815

Deuteranopia

54.5166, 53.3186, 89.0795



Tritanopia

51.3473, 53.1514, 66.5844

Trichromacy



Original Color

56.0520, 53.1448, 89.7418

Protanomaly

54.4743, 53.2451, 91.4106

Deuteranomaly

55.0491, 53.2748, 89.0430

Tritanomaly

52.9379, 53.1479, 74.4863

Monochromacy



Original Color

56.0520, 53.1448, 89.7418

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.1132, 54.0045, 69.2526

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0520, 53.1448, 89.7418 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(196, 186, 240)` looks like.

```
.text, #text, p{  
    color:rgb(196, 186, 240)  
}
```

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(196, 186, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 186, 240) }
```

Border

The CSS property to change the border of an element to XYZ 56.0520, 53.1448, 89.7418 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(196, 186, 240) }
```


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

```
.border{ border-color:rgb(196, 186, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 186, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 186, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 186, 240);  
box-shadow:4px 4px 4px 4px rgb(196, 186,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0520, 53.1448, 89.7418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 186, 240) }
```

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

```
.background{ background-color: rgb(196,  
186, 240) }
```

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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