

Converting Colors

XYZ(58.7050, 53.7743, 93.9918)

Have a look what the booklet for
XYZ(58.7050, 53.7743, 93.9918)
contains.

XYZ(58.5238, 53.7109, 93.6689)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(58.5238, 53.7109,
93.6689)**

Conversions

Conversions Part 1

Format	Color
Hex	CCB8F5
RGB	204, 184, 245
RGB Percent	80%, 72%, 96%
CMY	0.2000, 0.2784, 0.0392
CMYK	0.17, 0.25, 0.00, 0.04
HSL	260°, 75%, 84%
HSV	260°, 25%, 96%
XYZ	58.5238, 53.7109, 93.6689
YIQ	196.9340, -7.6610, 23.2110

Conversions

Conversions Part 2

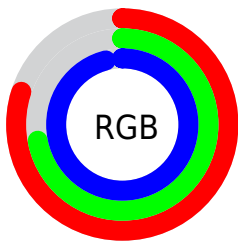
Format	Color
RYB	204, 184, 245
Decimal	13416693
CIELab	78.29, 18.94, -27.64
CIElCh	78, 33.504, 304.416
Yxy	53.7109, 0.2842, 0.2609
Android (android.graphics.Color)	4291606773 (0xFFCCB8F5)
YUV	196.9340, 23.6965, 6.1969
Hunter-Lab	73.2877, 14.2874, -24.4770

Details

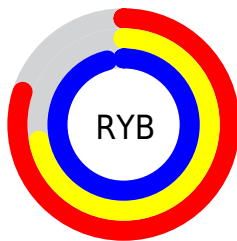
The XYZ color **58.5238, 53.7109, 93.6689** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **72.3570, 84.7743, 57.8992**, and the grayscale version is **52.8974, 55.6522, 60.6053**.

A 20% lighter version of the original color is **90.4501, 90.8002, 107.3667**, and **29.6960, 26.2963, 51.6547** is the 20% darker color. If you saturate the color by 10%, you get **49.5913, 42.1951, 91.9178**, and if you desaturate by 10%, it is **68.8183, 67.2398, 95.7385**.

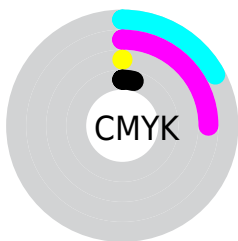
Distribution



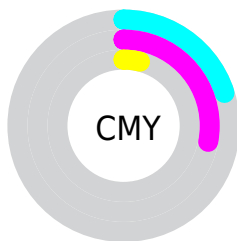
- Red (80%)
- Green (72%)
- Blue (96%)



- Red (80%)
- Yellow (72%)
- Blue (96%)



- Cyan (17%)
- Magenta (25%)
- Yellow (0%)
- Black (4%)



- Cyan (20%)
- Magenta (28%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.5238, 53.7109, 93.6689 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 58.5238, 53.7109, 93.6689 by changing the saturation by 10% instead.

■ 58.5238, 53.7109,
93.6689

■ 58.5238, 53.7109,
93.6689

409.0574,
401.0066, 560.7699

■ 42.4748, 38.3706,
70.4368

■ 101.8038, 95.6496,
154.4041

■ 29.6660, 26.2704,
51.4037

129.7656,
123.0168, 192.7443

■ 19.7320, 17.0261,
36.1511

162.4289,
155.1618, 236.9576

■ 12.3075, 10.2531,
24.2603

200.1592,
192.4689, 287.4625

■ 7.0272, 5.5671,
15.3128

243.3219,
235.3225, 344.6777

■ 3.5256, 2.5837,
8.8902

292.2822,

■ 1.4374, 0.9185,

284.1071, 409.0216

4.5738

347.4056,
339.2070, 480.9128

■ 0.2826, 0.0000,
1.9451

■ 0.0000, 0.0000,
0.5212

■ 58.5238, 53.7109,
93.6689

■ 58.5238, 53.7109,
93.6689

■ 49.5913, 42.1951,
91.9178

■ 68.8183, 67.2398,
95.7385

■ 41.9555, 32.5872,
90.4657

■ 80.5260, 82.8668,
98.1378

■ 35.5530, 24.7826,
89.2967

■ 92.8973, 99.0714,
100.6135

■ 30.3129, 18.6634,
88.3918

■ 93.4816, 99.3726,
100.6409

■ 26.1561, 14.0973,
87.7295

■ 22.9922, 10.9312,
87.2852

■ 20.7132, 8.9785,
87.0284

■ 19.8175, 8.3123,
86.9470

Harmonies

Analogous

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



52.0288, 53.7109, 102.4467



58.5238, 53.7109, 93.6689



63.3054, 53.7109, 75.5270

Triad

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



58.5238, 53.7109, 93.6689



56.6990, 53.7109, 31.5564



39.4692, 53.7109, 61.3102

Complementary

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



58.5238, 53.7109, 93.6689



72.3570, 84.7743, 57.8992

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.



40.4891, 53.7109, 44.2163



58.5238, 53.7109, 93.6689



50.0847, 53.7109, 29.3322

Square

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



58.5238, 53.7109, 93.6689



62.1901, 53.7109, 40.3342



44.2423, 53.7109, 33.4376



41.3277, 53.7109, 81.3906

Rectangle

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



58.5238, 53.7109, 93.6689



64.6748, 53.7109, 62.0716



44.2423, 53.7109, 33.4376



39.4882, 53.7109, 55.0336

Sweetspot

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



58.5255, 53.7131, 93.6701



85.3406, 86.9304, 106.8890



63.3606, 71.0053, 96.7530



18.0951, 18.3773, 22.8434



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.



58.5255, 53.7131, 93.6701



58.8573, 52.0384, 101.5500



67.4950, 58.3370, 94.0899



16.0929, 16.1905, 20.8195



10.8053, 4.5446, 46.8457



1.0534, 0.4529, 4.1221

Inverse Universe

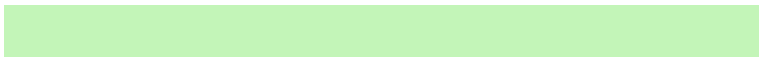
The Inverse Universe completely reimagines the original color for something new.



68.3889, 59.1318, 79.0451



71.5316, 59.0087, 82.4227



63.8589, 80.3934, 57.5015



16.9691, 16.6705, 19.5837



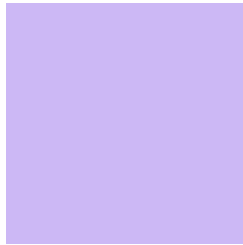
23.9954, 11.9416, 20.4821



2.1562, 1.0684, 2.0488

Previews

White Background



This preview shows how the XYZ color 58.5238, 53.7109, 93.6689 looks on a white background.

Color Contrast Check

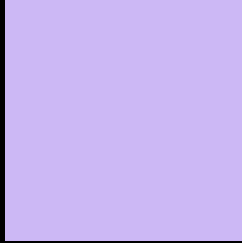
Large Text (above 18pt) WCAG AA × Fail

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 58.5238, 53.7109, 93.6689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

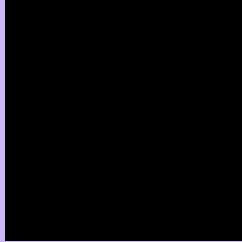
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.5238, 53.7109, 93.6689

Background



This preview shows how black text looks on a background with the XYZ color 58.5238, 53.7109, 93.6689.



This preview shows how white text looks on a background with the XYZ color 58.5238, 53.7109,

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

58.5238, 53.7109, 93.6689

Protanopia

54.4651, 54.0664, 98.0077

Deuteranopia

55.2361, 53.9234, 93.0849



Tritanopia

52.7973, 53.5882, 65.9533

Trichromacy



Original Color

58.5238, 53.7109, 93.6689

Protanomaly

55.6344, 53.7373, 96.2470

Deuteranomaly

56.3047, 53.8355, 93.0117

Tritanomaly

54.7209, 53.4131, 75.1358

Monochromacy



Original Color

58.5238, 53.7109, 93.6689

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

54.8067, 54.8337, 71.3137

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5238, 53.7109, 93.6689 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, 245)` looks like.

```
.text, #text, p{  
    color:rgb(204, 184, 245)  
}
```

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, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 184, 245) }
```

Border

The CSS property to change the border of an element to XYZ 58.5238, 53.7109, 93.6689 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, 245) }
```


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

```
.border{ border-color:rgb(204, 184, 245) }
```

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, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 184, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 184, 245);  
box-shadow:4px 4px 4px 4px rgb(204, 184,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5238, 53.7109, 93.6689 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, 245) }
```

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

```
.background{ background-color: rgb(204,  
184, 245) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor