

# Converting Colors

XYZ(53.5361, 50.9949, 66.0890)

Have a look what the booklet for  
XYZ(53.5361, 50.9949, 66.0890)  
contains.

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# Color

**XYZ(53.7226, 51.2263,  
66.0877)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CFB6CF
RGB	207, 182, 207
RGB Percent	81%, 71%, 81%
CMY	0.1882, 0.2863, 0.1882
CMYK	0.00, 0.12, 0.00, 0.19
HSL	300°, 21%, 76%
HSV	300°, 12%, 81%
XYZ	53.7226, 51.2263, 66.0877
YIQ	192.3250, 6.8750, 13.0750

# Conversions

## Conversions Part 2

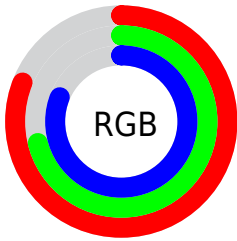
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	207, 182, 207
Decimal	13612751
CIE Lab	76.82, 13.34, -9.31
CIE LCh	77, 16.264, 325.086
Yxy	51.2263, 0.3141, 0.2995
Android (android.graphics.Color)	4291802831 (0xFFCFB6CF)
YUV	192.3250, 7.2348, 12.8700
Hunter-Lab	71.5726, 8.7307, -4.6456

# Details

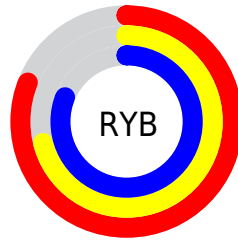
The XYZ color **53.7226, 51.2263, 66.0877** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.0497, 57.9496, 52.8062**, and the grayscale version is **50.2503, 52.8672, 57.5724**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **26.7369, 24.7727, 33.5094** is the 20% darker color. If you saturate the color by 10%, you get **49.7933, 43.3670, 64.7784**, and if you desaturate by 10%, it is **58.2815, 60.3433, 67.6081**.

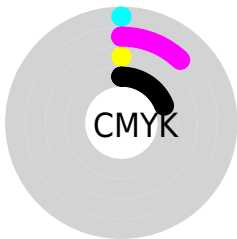
# Distribution



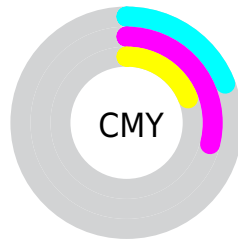
- Red (81%)
- Green (71%)
- Blue (81%)



- Red (81%)
- Yellow (71%)
- Blue (81%)



- Cyan (0%)
- Magenta (12%)
- Yellow (0%)
- Black (19%)




- Cyan (19%)
- Magenta (29%)
- Yellow (19%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 53.7226, 51.2263, 66.0877 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 53.7226, 51.2263, 66.0877 by changing the saturation by 10% instead.





 53.7226, 51.2263,  
66.0877

 53.7226, 51.2263,  
66.0877


391.2669,  
391.4424, 465.1032

 38.6097, 36.3887,  
47.8867

 94.8261, 91.9892,  
115.2404

 26.6356, 24.7346,  
33.3778


121.5474,  
118.6833, 147.0291

 17.4349, 15.8794,  
22.1425


152.8690,  
150.0984, 184.1842

 10.6423, 9.4389,  
13.7624

189.1560,  
186.6189, 227.1241

 5.8923, 5.0285,  
7.8187

230.7740,  
228.6291, 276.2675

 2.8198, 2.2640,  
3.8931

278.0883,

 1.0592, 0.7546,

276.5135, 332.0327

1.5669

331.4641,  
330.6565, 394.8385

■ 0.0000, 0.0000,  
0.2670

■ 0.0000, 0.0000,  
0.0000

■ 53.7226, 51.2263,  
66.0877

■ 53.7226, 51.2263,  
66.0877

■ 49.7933, 43.3670,  
64.7784

■ 58.2815, 60.3433,  
67.6081

■ 46.4618, 36.7040,  
63.6678

■ 63.4913, 70.7628,  
69.3448

■ 43.7001, 31.1806,  
62.7471

■ 69.3776, 82.5354,  
71.3070

■ 41.4763, 26.7330,  
62.0057

■ 72.7553, 89.2907,  
72.4331

39.7554, 23.2913,  
61.4319

72.7553, 89.2907,  
72.4332

38.4982, 20.7770,  
61.0127

72.7553, 89.2907,  
72.4333

37.6598, 19.1002,  
60.7331

72.7554, 89.2907,  
72.4335

37.1863, 18.1532,  
60.5751

72.7554, 89.2908,  
72.4336

36.9949, 17.7706,  
60.5113

72.7554, 89.2908,  
72.4338

# Harmonies

## Analogous

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



51.2504, 51.2263, 72.6405



53.7226, 51.2263, 66.0877



54.8483, 51.2263, 57.2463

# Triad

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



53.7226, 51.2263, 66.0877



49.1995, 51.2263, 40.4905



43.5065, 51.2263, 63.3023

# Complementary

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



53.7226, 51.2263, 66.0877



50.0497, 57.9496, 52.8062

# 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.



43.0091, 51.2263, 54.3325



53.7226, 51.2263, 66.0877



46.2146, 51.2263, 41.7485

# Square

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



53.7226, 51.2263, 66.0877



52.1675, 51.2263, 42.9611



43.9802, 51.2263, 46.5982



45.3688, 51.2263, 70.9169



# Rectangle

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



53.7226, 51.2263, 66.0877



54.6507, 51.2263, 51.4666



43.9802, 51.2263, 46.5982



43.1776, 51.2263, 60.3211

# Sweetspot

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



53.7241, 51.2285, 66.0888



91.8819, 93.6639, 107.8439



47.2841, 47.9086, 65.7876



19.5431, 19.8010, 23.0419



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.



53.7241, 51.2285, 66.0888



84.6998, 79.2997, 105.4496



52.2557, 50.6412, 58.3563



12.3109, 12.0091, 14.9128



23.3081, 11.1961, 38.1242



1.3032, 0.6260, 2.1317



# Inverse Universe

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



53.7241, 51.2285, 66.0888



84.6998, 79.2997, 105.4496



51.3999, 58.4897, 59.9163



12.3109, 12.0091, 14.9128



23.3081, 11.1961, 38.1242

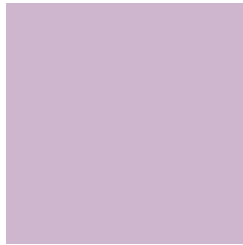


1.3032, 0.6260, 2.1317



# Previews

## White Background



This preview shows how the XYZ color 53.7226, 51.2263, 66.0877 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

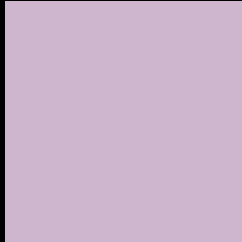
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 53.7226, 51.2263, 66.0877 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

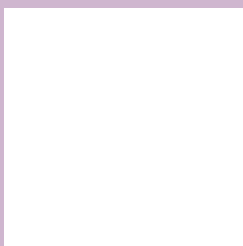
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 53.7226, 51.2263, 66.0877**

## **Background**



This preview shows how black text looks on a background with the XYZ color 53.7226, 51.2263, 66.0877.



This preview shows how white text looks on a background with the XYZ color 53.7226, 51.2263,



# 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

53.7226, 51.2263, 66.0877

### Protanopia

50.2346, 51.2344, 68.8696

### Deuteranopia

52.2224, 51.0653, 66.1357



## Tritanopia

52.7871, 51.4800, 60.5805

# Trichromacy



## Original Color

53.7226, 51.2263, 66.0877

## Protanomaly

51.4399, 51.2403, 68.1520

## Deuteranomaly

52.8246, 51.0685, 66.1045

## Tritanomaly

52.9297, 51.2058, 62.3524

# Monochromacy



## Original Color

53.7226, 51.2263, 66.0877

## Achromatopsia

50.1023, 52.7115, 57.4028

## Achromatomaly

51.0872, 51.8680, 60.1423

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 53.7226, 51.2263, 66.0877 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(207, 182, 207)` looks like.

```
.text, #text, p{  
    color:rgb(207, 182, 207)  
}
```

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(207, 182, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 182, 207) }
```

## Border

The CSS property to change the border of an element to XYZ 53.7226, 51.2263, 66.0877 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(207, 182, 207) }
```



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

```
.border{ border-color:rgb(207, 182, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 182, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 182, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 182, 207);  
box-shadow:4px 4px 4px 4px rgb(207, 182,  
207) }
```

# Background

The CSS property to change the background color of an element to XYZ 53.7226, 51.2263, 66.0877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 182, 207) }
```

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

```
.background{ background-color: rgb(207,  
182, 207) }
```

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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