

# Converting Colors

XYZ(54.1998, 53.0394, 65.5837)

Have a look what the booklet for  
XYZ(54.1998, 53.0394, 65.5837)  
contains.

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# Color

**XYZ(54.3645, 53.1187,  
65.7801)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CEBBCE
RGB	206, 187, 206
RGB Percent	81%, 73%, 81%
CMY	0.1922, 0.2666, 0.1922
CMYK	0.00, 0.09, 0.00, 0.19
HSL	300°, 16%, 77%
HSV	300°, 9%, 81%
XYZ	54.3645, 53.1187, 65.7801
YIQ	194.8470, 5.2250, 9.9370

# Conversions

## Conversions Part 2

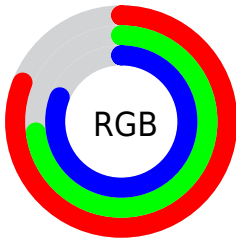
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	206, 187, 206
Decimal	13548494
CIE Lab	77.95, 10.11, -7.10
CIE LCh	78, 12.353, 324.924
Yxy	53.1187, 0.3138, 0.3066
Android (android.graphics.Color)	4291738574 (0xFFCEBBCE)
YUV	194.8470, 5.4984, 9.7812
Hunter-Lab	72.8826, 5.6020, -2.4943

# Details

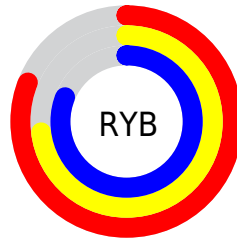
The XYZ color **54.3645, 53.1187, 65.7801** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.5365, 58.2967, 55.5527**, and the grayscale version is **51.7481, 54.4431, 59.2885**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **27.1415, 25.9926, 33.2923** is the 20% darker color. If you saturate the color by 10%, you get **50.3046, 44.9981, 64.4273**, and if you desaturate by 10%, it is **59.0544, 62.4977, 67.3442**.

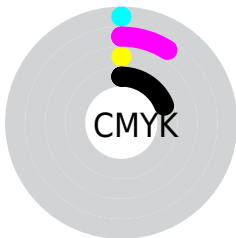
# Distribution



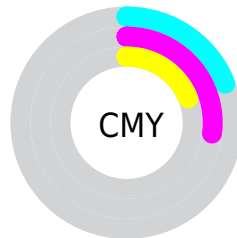
- Red (81%)
- Green (73%)
- Blue (81%)



- Red (81%)
- Yellow (73%)
- Blue (81%)



- Cyan (0%)
- Magenta (9%)
- Yellow (0%)
- Black (19%)



- Cyan (19%)
- Magenta (27%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3645, 53.1187, 65.7801 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 54.3645, 53.1187, 65.7801 by changing the saturation by 10% instead.



■ 54.3645, 53.1187,  
65.7801

■ 54.3645, 53.1187,  
65.7801

393.6741,  
398.7404, 463.9728

■ 39.1250, 37.8975,  
47.6386

■ 95.7630, 94.7790,  
114.7947

■ 27.0381, 25.9032,  
33.1828

122.6527,  
121.9869, 146.5047

■ 17.7386, 16.7512,  
21.9942

154.1564,  
153.9593, 183.5748

■ 10.8610, 10.0573,  
13.6544

190.6396,  
191.0804, 226.4233

■ 6.0401, 5.4369,  
7.7447

232.4677,  
233.7346, 275.4688

■ 2.9103, 2.5058,  
3.8466

280.0059,

■ 1.1065, 0.8796,

282.3064, 331.1298

1.5416

333.6196,  
337.1802, 393.8250

■ 0.0306, 0.0000,  
0.2486

■ 0.0000, 0.0000,  
0.0000

■ 54.3645, 53.1187,  
65.7801

■ 54.3645, 53.1187,  
65.7801

■ 50.3046, 44.9981,  
64.4273

■ 59.0544, 62.4977,  
67.3442

■ 46.8434, 38.0758,  
63.2735

■ 64.3946, 73.1780,  
69.1243

■ 43.9542, 32.2973,  
62.3103

■ 70.4103, 85.2094,  
71.1297

■ 41.6060, 27.6010,  
61.5274

■ 72.3548, 89.0983,  
71.7780

39.7652, 23.9195,  
60.9137

72.3548, 89.0983,  
71.7781

38.3945, 21.1782,  
60.4567

72.3548, 89.0984,  
71.7782

37.4513, 19.2918,  
60.1422

72.3549, 89.0984,  
71.7783

36.8853, 18.1599,  
59.9534

72.3549, 89.0984,  
71.7785

36.6119, 17.6130,  
59.8621

72.3549, 89.0984,  
71.7786

# Harmonies

## Analogous

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



52.4601, 53.1187, 70.6873



54.3645, 53.1187, 65.7801



55.2316, 53.1187, 59.0159

# Triad

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



54.3645, 53.1187, 65.7801



50.8976, 53.1187, 45.6317



46.4122, 53.1187, 63.5952

# Complementary

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



54.3645, 53.1187, 65.7801



51.5365, 58.2967, 55.5527

# 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.



46.0236, 53.1187, 56.6743



54.3645, 53.1187, 65.7801



48.5654, 53.1187, 46.6472

# Square

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



54.3645, 53.1187, 65.7801



53.1899, 53.1187, 47.6690



46.7998, 53.1187, 50.5610



47.8787, 53.1187, 69.3574



# Rectangle

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



54.3645, 53.1187, 65.7801



55.0855, 53.1187, 54.4956



46.7998, 53.1187, 50.5610



46.1532, 53.1187, 61.3128

# Sweetspot

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



54.3660, 53.1210, 65.7813



92.6579, 95.2158, 108.1026



49.4068, 50.5644, 65.5493



19.6992, 20.1134, 23.0939



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.



54.3660, 53.1210, 65.7813



86.7454, 83.3908, 106.1316



53.2465, 52.6732, 59.8858



11.6876, 11.4038, 14.1555



22.5334, 10.8239, 36.8571



1.1625, 0.5584, 1.9014



# Inverse Universe

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



54.3660, 53.1210, 65.7813



86.7454, 83.3908, 106.1316



52.5875, 58.7171, 61.0872



11.6876, 11.4038, 14.1555



22.5334, 10.8239, 36.8571

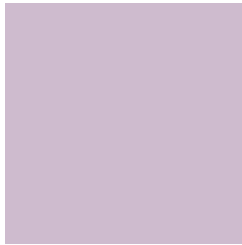


1.1625, 0.5584, 1.9014



# Previews

## White Background



This preview shows how the XYZ color 54.3645, 53.1187, 65.7801 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 54.3645, 53.1187, 65.7801 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

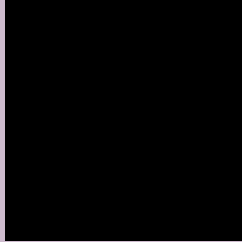
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 54.3645, 53.1187, 65.7801

## Background



This preview shows how black text looks on a background with the XYZ color 54.3645, 53.1187, 65.7801.



This preview shows how white text looks on a background with the XYZ color 54.3645, 53.1187,



# 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

54.3645, 53.1187, 65.7801

### Protanopia

52.0965, 53.5092, 67.9041

### Deuteranopia

54.0877, 52.9760, 65.7672



## Tritanopia

53.8207, 53.2098, 63.3110

# Trichromacy



## Original Color

54.3645, 53.1187, 65.7801

## Protanomaly

52.8246, 53.2513, 67.1689

## Deuteranomaly

54.0877, 52.9760, 65.7672

## Tritanomaly

53.9395, 53.2574, 63.9367

# Monochromacy



## Original Color

54.3645, 53.1187, 65.7801

## Achromatopsia

51.8711, 54.5724, 59.4294

## Achromatomaly

52.7116, 53.9649, 61.6709

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 54.3645, 53.1187, 65.7801 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(206, 187, 206) looks like.

```
.text, #text, p{  
    color:rgb(206, 187, 206)  
}
```

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(206, 187, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 187, 206) }
```

## Border

The CSS property to change the border of an element to XYZ 54.3645, 53.1187, 65.7801 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(206, 187, 206) }
```



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

```
.border{ border-color:rgb(206, 187, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 187, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 187, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 187, 206);  
box-shadow:4px 4px 4px 4px rgb(206, 187,  
206) }
```

# Background

The CSS property to change the background color of an element to XYZ 54.3645, 53.1187, 65.7801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 187, 206) }
```

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

```
.background{ background-color: rgb(206,  
187, 206) }
```

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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