

# Converting Colors

XYZ(53.0241, 55.3751, 56.9926)

Have a look what the booklet for  
XYZ(53.0241, 55.3751, 56.9926)  
contains.

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# **Color**

**XYZ(53.0065, 55.2093,  
57.1529)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C9C3BF
RGB	201, 195, 191
RGB Percent	79%, 76%, 75%
CMY	0.2118, 0.2353, 0.2510
CMYK	0.00, 0.03, 0.05, 0.21
HSL	24°, 8%, 77%
HSV	24°, 5%, 79%
XYZ	53.0065, 55.2093, 57.1529
YIQ	196.3380, 4.8600, 0.0280

# Conversions

## Conversions Part 2

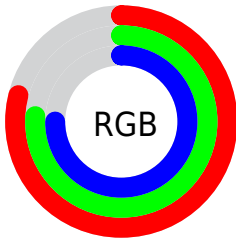
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	201, 198, 191
Decimal	13222847
CIE <sub>Lab</sub>	79.16, 1.38, 2.74
CIE <sub>LCh</sub>	79, 3.067, 63.247
Yxy	55.2093, 0.3205, 0.3339
Android (android.graphics.Color)	4291412927 (0xFFC9C3BF)
YUV	196.3380, -2.6316, 4.0886
Hunter-Lab	74.3030, -2.6912, 6.4070

# Details

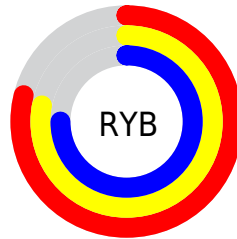
The XYZ color **53.0065, 55.2093, 57.1529** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.9947, 55.2252, 63.1783**, and the grayscale version is **52.6868, 55.4306, 60.3640**.

A 20% lighter version of the original color is **92.8389, 97.5962, 101.9405**, and **26.1449, 27.0878, 27.8952** is the 20% darker color. If you saturate the color by 10%, you get **48.3525, 49.2012, 45.4271**, and if you desaturate by 10%, it is **58.1852, 61.7796, 70.5527**.

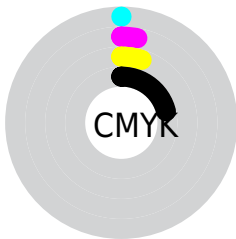
# Distribution



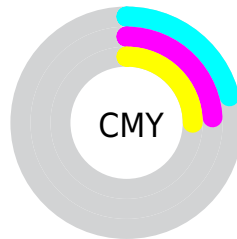
- Red (79%)
- Green (76%)
- Blue (75%)



- Red (79%)
- Yellow (78%)
- Blue (75%)



- Cyan (0%)
- Magenta (3%)
- Yellow (5%)
- Black (21%)



- Cyan (21%)
- Magenta (24%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 53.0065, 55.2093, 57.1529 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 53.0065, 55.2093, 57.1529 by changing the saturation by 10% instead.



■ 53.0065, 55.2093,  
57.1529

■ 53.0065, 55.2093,  
57.1529

388.5705,  
406.7048, 431.5318

■ 38.0355, 39.5693,  
40.7178

■ 93.7794, 97.8475,  
102.1908

■ 26.1875, 27.2029,  
27.7806

120.3120,  
125.6146, 131.6307

■ 17.0974, 17.7257,  
17.9228

151.4291,  
158.1928, 166.2427

■ 10.3997, 10.7532,  
10.7257

187.4961,  
195.9665, 206.4452

■ 5.7291, 5.9011,  
5.7708

228.8784,  
239.3202, 252.6568

■ 2.7201, 2.7851,  
2.6397

275.9414,

■ 1.0075, 1.0206,

288.6382, 305.2961

0.9129

329.0503,  
344.3050, 364.7816

■ 0.0000, 0.0000,  
0.0000

■ 53.0065, 55.2093,  
57.1529

■ 53.0065, 55.2093,  
57.1529

■ 48.3525, 49.2012,  
45.4271

■ 58.1852, 61.7796,  
70.5527

■ 44.2013, 43.7331,  
35.3052

■ 63.9005, 68.9196,  
85.6856

■ 40.5358, 38.7914,  
26.7176

■ 70.1698, 76.6455,  
102.6121

■ 37.3365, 34.3595,  
19.5882

■ 74.2534, 83.8690,  
106.8825

■ 34.5822, 30.4197,  
13.8339

■ 77.8977, 91.1577,  
108.0973

■ 32.2500, 26.9531,  
9.3636

■ 30.3145, 23.9395,  
6.0748

■ 28.7468, 21.3567,  
3.8489

■ 27.5131, 19.1798,  
2.5420

# Harmonies

## Analogous

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



53.4655, 55.2093, 58.2840



53.0065, 55.2093, 57.1529



52.4081, 55.2093, 56.8099

# Triad

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



53.0065, 55.2093, 57.1529



51.3082, 55.2093, 60.3047



53.1229, 55.2093, 62.9775

# Complementary

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



53.0065, 55.2093, 57.1529



51.9947, 55.2252, 63.1783

# 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.



52.5415, 55.2093, 63.5429



53.0065, 55.2093, 57.1529



51.4964, 55.2093, 61.9810

# Square

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



53.0065, 55.2093, 57.1529



51.4306, 55.2093, 58.6086



51.9466, 55.2093, 63.1747



53.5330, 55.2093, 61.6440



# Rectangle

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



53.0065, 55.2093, 57.1529



52.0115, 55.2093, 57.0686



51.9466, 55.2093, 63.1747



52.9408, 55.2093, 63.2649

# Sweetspot

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



53.0080, 55.2117, 57.1541



94.1562, 98.8651, 106.5901



52.7970, 53.7112, 60.4087



20.1627, 21.1732, 22.8390



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

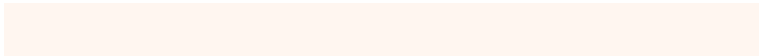


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.0080, 55.2117, 57.1541



89.8263, 93.3388, 95.4864



54.1464, 57.4885, 57.5336



11.2652, 11.6935, 11.9009



17.0549, 11.6270, 1.3453



0.8781, 0.6917, 0.0872

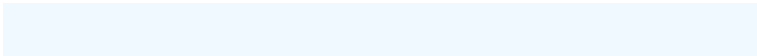


# Inverse Universe

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



51.9947, 55.2252, 63.1783



87.7204, 93.3667, 108.0060



50.8789, 52.9935, 62.8063



10.9799, 11.6973, 13.5966



10.9837, 11.3613, 36.3584

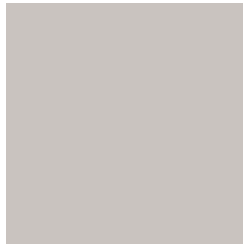


0.5896, 0.6770, 1.7447



# Previews

## White Background



This preview shows how the XYZ color 53.0065, 55.2093, 57.1529 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 53.0065, 55.2093, 57.1529 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

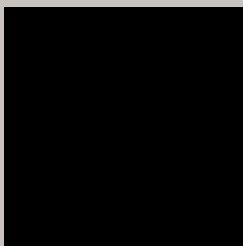
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

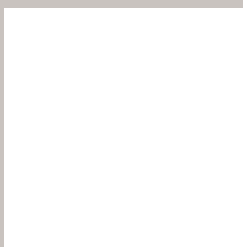
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 53.0065, 55.2093, 57.1529**

## **Background**



This preview shows how black text looks on a background with the XYZ color 53.0065, 55.2093, 57.1529.



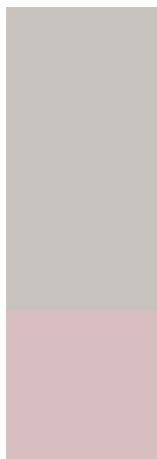
This preview shows how white text looks on a background with the XYZ color 53.0065, 55.2093,



# 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

53.0065, 55.2093, 57.1529

### Protanopia

53.0065, 55.2093, 57.1529

### Deuteranopia

56.2468, 55.2316, 57.5654



## Tritanopia

54.8634, 54.9499, 67.3893

# Trichromacy



## Original Color

53.0065, 55.2093, 57.1529

## Protanomaly

53.0065, 55.2093, 57.1529

## Deuteranomaly

55.2280, 55.3539, 57.6427

## Tritanomaly

54.0878, 54.9608, 63.6349

# Monochromacy



## Original Color

53.0065, 55.2093, 57.1529

## Achromatopsia

52.4687, 55.2011, 60.1140

## Achromatomaly

52.7662, 55.3807, 58.9474

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 53.0065, 55.2093, 57.1529 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(201, 195, 191)` looks like.

```
.text, #text, p{  
    color:rgb(201, 195, 191)  
}
```

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(201, 195, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 195, 191) }
```

## Border

The CSS property to change the border of an element to XYZ 53.0065, 55.2093, 57.1529 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(201, 195, 191) }
```



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

```
.border{ border-color:rgb(201, 195, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 195, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 195, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 195, 191);  
box-shadow:4px 4px 4px 4px rgb(201, 195,  
191) }
```

# Background

The CSS property to change the background color of an element to XYZ 53.0065, 55.2093, 57.1529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 195, 191) }
```

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

```
.background{ background-color: rgb(201,  
195, 191) }
```

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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