

# Converting Colors

XYZ(55.6164, 54.7785, 61.9208)

Have a look what the booklet for  
XYZ(55.6164, 54.7785, 61.9208)  
contains.

<b>XYZ(55.5862, 54.7993, 61.6804)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**XYZ(55.5862, 54.7993,  
61.6804)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D3BEC7
RGB	211, 190, 199
RGB Percent	83%, 75%, 78%
CMY	0.1725, 0.2549, 0.2196
CMYK	0.00, 0.10, 0.06, 0.17
HSL	334°, 19%, 79%
HSV	334°, 10%, 83%
XYZ	55.5862, 54.7993, 61.6804
YIQ	197.3050, 9.6270, 7.2510

# Conversions

## Conversions Part 2

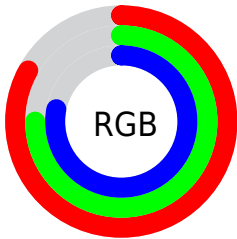
Format	Color
R <sub>Y</sub> B	211, 190, 199
Decimal	13876935
CIE Lab	78.93, 8.97, -1.82
CIE LCh	79, 9.153, 348.527
Yxy	54.7993, 0.3231, 0.3185
Android (android.graphics.Color)	4292067015 (0xFFD3BEC7)
YUV	197.3050, 0.8356, 12.0105
Hunter-Lab	74.0265, 4.4884, 2.4170

# Details

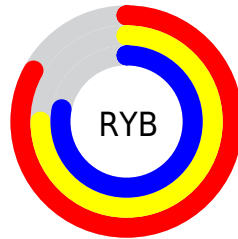
The XYZ color **55.5862, 54.7993, 61.6804** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.1922, 61.8014, 64.9000**, and the grayscale version is **53.2475, 56.0205, 61.0064**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **27.7668, 27.0036, 30.5368** is the 20% darker color. If you saturate the color by 10%, you get **49.9980, 45.7750, 53.1814**, and if you desaturate by 10%, it is **61.9501, 65.1960, 70.9868**.

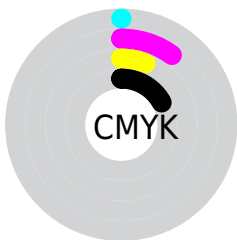
# Distribution



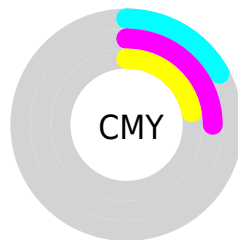
- Red (83%)
- Green (75%)
- Blue (78%)



- Red (83%)
- Yellow (75%)
- Blue (78%)



- Cyan (0%)
- Magenta (10%)
- Yellow (6%)
- Black (17%)



- Cyan (17%)
- Magenta (25%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 55.5862, 54.7993, 61.6804 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 55.5862, 54.7993, 61.6804 by changing the saturation by 10% instead.



■ 55.5862, 54.7993,  
61.6804

■ 55.5862, 54.7993,  
61.6804

398.2305,  
405.1507, 448.7398

■ 40.1069, 39.2411,  
44.3404

■ 97.5426, 97.2468,  
108.8306

■ 27.8065, 26.9473,  
30.5990

124.7505,  
124.9049, 139.4779

■ 18.3196, 17.5337,  
20.0378

156.5986,  
157.3651, 175.3980

■ 11.2807, 10.6157,  
12.2382

193.4524,  
195.0117, 217.0094

■ 6.3247, 5.8091,  
6.7816

235.6771,  
238.2292, 264.7308

■ 3.0860, 2.7293,  
3.2495

283.6381,

■ 1.1994, 0.9921,

287.4019, 318.9806

1.2234

337.7008,  
342.9143, 380.1774

■ 0.1059, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 55.5862, 54.7993,  
61.6804

■ 55.5862, 54.7993,  
61.6804

■ 49.9980, 45.7750,  
53.1814

■ 61.9501, 65.1960,  
70.9868

■ 45.1499, 38.0582,  
45.4633

■ 69.1141, 77.0120,  
81.1189

■ 41.0106, 31.5896,  
38.5033

■ 77.1073, 90.3011,  
92.0989

■ 37.5444, 26.3025,  
32.2759

■ 79.4496, 92.0992,  
101.7782

■ 34.7125, 22.1237,  
26.7539

■ 80.6743, 92.5890,  
108.2272

■ 32.4720, 18.9721,  
21.9083

■ 30.7738, 16.7549,  
17.7071

■ 29.5607, 15.3627,  
14.1151

■ 28.7308, 14.5975,  
11.0808

# Harmonies

## Analogous

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



54.7482, 54.7993, 66.5451



55.5862, 54.7993, 61.6804



55.4700, 54.7993, 56.5425

# Triad

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



55.5862, 54.7993, 61.6804



50.9823, 54.7993, 50.6700



49.8044, 54.7993, 67.4862

# Complementary

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



55.5862, 54.7993, 61.6804



55.1922, 61.8014, 64.9000

# 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.



48.8407, 54.7993, 62.9048



55.5862, 54.7993, 61.6804



49.5098, 54.7993, 53.2802

# Square

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



55.5862, 54.7993, 61.6804



52.7834, 54.7993, 50.3847



48.7342, 54.7993, 57.6981



51.3930, 54.7993, 70.0249



# Rectangle

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



55.5862, 54.7993, 61.6804



54.8676, 54.7993, 53.6465



48.7342, 54.7993, 57.6981



49.3982, 54.7993, 66.1221

# Sweetspot

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



55.5878, 54.8017, 61.6816



91.9619, 94.9374, 104.4373



54.5034, 54.0753, 69.1937



19.5110, 20.0381, 22.1028



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.



55.5878, 54.8017, 61.6816



83.3642, 80.9309, 91.7404



54.8783, 55.0054, 56.4428



12.0160, 11.8911, 13.3600



17.3858, 8.8271, 6.9375



1.0115, 0.5093, 0.5953



# Inverse Universe

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



55.5878, 54.8017, 61.6816



83.3642, 80.9309, 91.7404



55.9427, 61.5476, 70.5601



12.0160, 11.8911, 13.3600



17.3858, 8.8271, 6.9375

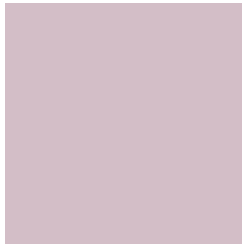


1.0115, 0.5093, 0.5953



# Previews

## White Background



This preview shows how the XYZ color 55.5862, 54.7993, 61.6804 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

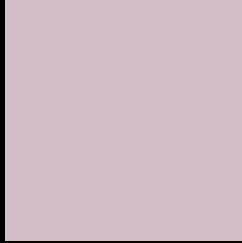
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 55.5862, 54.7993, 61.6804 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

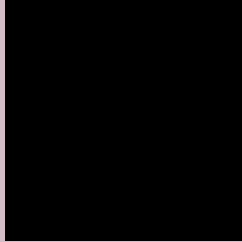
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 55.5862, 54.7993, 61.6804

## Background



This preview shows how black text looks on a background with the XYZ color 55.5862, 54.7993, 61.6804.



This preview shows how white text looks on a background with the XYZ color 55.5862, 54.7993,

61.6804.

# 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

55.5862, 54.7993, 61.6804

### Protanopia

52.9784, 54.7182, 63.6465

### Deuteranopia

55.9470, 54.6648, 61.6355



## Tritanopia

56.2481, 54.7519, 64.7303

# Trichromacy



## Original Color

55.5862, 54.7993, 61.6804

## Protanomaly

53.9697, 54.9135, 63.0132

## Deuteranomaly

55.6578, 54.5158, 61.6219

## Tritanomaly

56.0096, 54.6565, 63.4748

# Monochromacy



## Original Color

55.5862, 54.7993, 61.6804

## Achromatopsia

53.0703, 55.8340, 60.8033

## Achromatomaly

53.8420, 55.2173, 61.2463

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 55.5862, 54.7993, 61.6804 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(211, 190, 199)` looks like.

```
.text, #text, p{  
    color:rgb(211, 190, 199)  
}
```

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(211, 190, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 190, 199) }
```

## Border

The CSS property to change the border of an element to XYZ 55.5862, 54.7993, 61.6804 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(211, 190, 199) }
```



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

```
.border{ border-color:rgb(211, 190, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 190, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 190, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 190, 199);  
box-shadow:4px 4px 4px 4px rgb(211, 190,  
199) }
```

# Background

The CSS property to change the background color of an element to XYZ 55.5862, 54.7993, 61.6804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 190, 199) }
```

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

```
.background{ background-color: rgb(211,  
190, 199) }
```

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