

Converting Colors

XYZ(56.1666, 53.6056, 61.4089)

Have a look what the booklet for
XYZ(56.1666, 53.6056, 61.4089)
contains.

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Color

**XYZ(55.9767, 53.4204,
61.3937)**

Conversions

Conversions Part 1

Format	Color
Hex	D8B9C7
RGB	216, 185, 199
RGB Percent	85%, 73%, 78%
CMY	0.1529, 0.2745, 0.2196
CMYK	0.00, 0.14, 0.08, 0.15
HSL	333°, 28%, 79%
HSV	333°, 14%, 85%
XYZ	55.9767, 53.4204, 61.3937
YIQ	195.8650, 13.9820, 10.9260

Conversions

Conversions Part 2

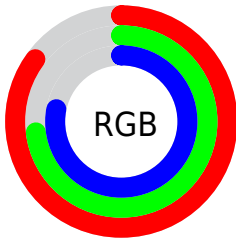
Format	Color
R _Y B	216, 185, 199
Decimal	14203335
CIE Lab	78.12, 13.41, -2.95
CIE LCh	78, 13.728, 347.599
Yxy	53.4204, 0.3278, 0.3128
Android (android.graphics.Color)	4292393415 (0xFFD8B9C7)
YUV	195.8650, 1.5456, 17.6584
Hunter-Lab	73.0893, 8.8012, 1.3599

Details

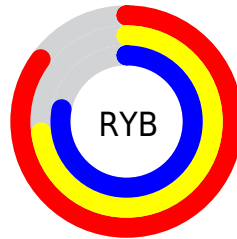
The XYZ color **55.9767, 53.4204, 61.3937** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **55.2263, 63.6918, 65.2633**, and the grayscale version is **52.3749, 55.1025, 60.0066**.

A 20% lighter version of the original color is **90.7453, 91.3906, 107.4651**, and **28.0600, 26.1239, 30.3516** is the 20% darker color. If you saturate the color by 10%, you get **50.4747, 44.5320, 53.0357**, and if you desaturate by 10%, it is **62.2754, 63.7292, 70.5468**.

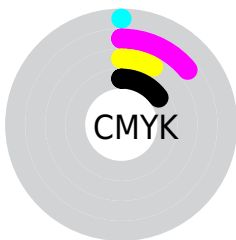
Distribution



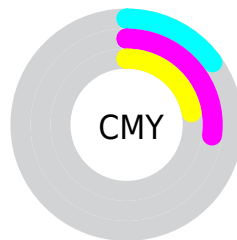
- Red (85%)
- Green (73%)
- Blue (78%)



- Red (85%)
- Yellow (73%)
- Blue (78%)



- Cyan (0%)
- Magenta (14%)
- Yellow (8%)
- Black (15%)



- Cyan (15%)
- Magenta (27%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.9767, 53.4204, 61.3937 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 55.9767, 53.4204, 61.3937 by changing the saturation by 10% instead.

■ 55.9767, 53.4204,
61.3937

■ 55.9767, 53.4204,
61.3937

399.6801,
399.8959, 447.6625

■ 40.4212, 38.1385,
44.1104

■ 98.1105, 95.2227,
108.4119

■ 28.0527, 26.0902,
30.4194

125.4195,
122.5119, 138.9837

■ 18.5061, 16.8911,
19.9024

157.3770,
154.5722, 174.8222

■ 11.4158, 10.1569,
12.1408

194.3485,
191.7882, 216.3459

■ 6.4166, 5.5031,
6.7159

236.6991,
234.5442, 263.9732

■ 3.1431, 2.5454,
3.2093

284.7944,

■ 1.2299, 0.8993,

283.2245, 318.1227

1.2025

338.9996,
338.2136, 379.2129

■ 0.1298, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.9767, 53.4204,
61.3937

■ 55.9767, 53.4204,
61.3937

■ 50.4747, 44.5320,
53.0357

■ 62.2754, 63.7292,
70.5468

■ 45.7314, 36.9944,
45.4465

■ 69.3973, 75.5102,
80.5137

■ 41.7126, 30.7423,
38.6027

■ 77.3736, 88.8212,
91.3164

■ 38.3797, 25.7024,
32.4787

■ 80.7734, 92.7968,
101.1557

■ 35.6900, 21.7941,
27.0469

■ 82.1292, 93.3391,
108.2953

■ 33.5958, 18.9265,
22.2773

■ 32.0424, 16.9947,
18.1372

■ 30.9635, 15.8711,
14.5889

■ 30.5019, 15.4722,
12.8191

Harmonies

Analogous

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



54.6765, 53.4204, 68.6982



55.9767, 53.4204, 61.3937



55.8477, 53.4204, 53.8157

Triad

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



55.9767, 53.4204, 61.3937



49.2320, 53.4204, 45.1993



47.3776, 53.4204, 69.7614

Complementary

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



55.9767, 53.4204, 61.3937



55.2263, 63.6918, 65.2633

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.



46.0182, 53.4204, 62.7441



55.9767, 53.4204, 61.3937



47.0627, 53.4204, 48.7689

Square

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



55.9767, 53.4204, 61.3937



51.8894, 53.4204, 44.9070



45.9050, 53.4204, 55.0529



49.6756, 53.4204, 73.8067

Rectangle

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



55.9767, 53.4204, 61.3937



54.9687, 53.4204, 49.6162



45.9050, 53.4204, 55.0529



46.7993, 53.4204, 67.6450

Sweetspot

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



55.9782, 53.4228, 61.3948



90.9942, 93.3088, 103.1692



53.9767, 52.1500, 72.1876



19.3179, 19.7110, 21.8564



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.



55.9782, 53.4228, 61.3948



79.1516, 73.9544, 85.8705



54.6437, 53.2361, 53.2973



12.6540, 12.5131, 14.1184



18.1067, 9.1790, 7.8657



1.1335, 0.5702, 0.6924

Inverse Universe

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



55.9782, 53.4228, 61.3948



79.1516, 73.9544, 85.8705



56.6959, 63.8574, 74.3040



12.6540, 12.5131, 14.1184



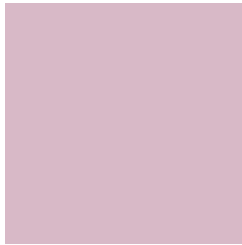
18.1067, 9.1790, 7.8657



1.1335, 0.5702, 0.6924

Previews

White Background



This preview shows how the XYZ color 55.9767, 53.4204, 61.3937 looks on a white background.

Color Contrast Check

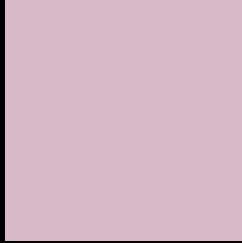
Large Text (above 18pt) WCAG AA × Fail

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 55.9767, 53.4204, 61.3937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

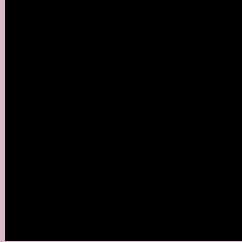
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.9767, 53.4204, 61.3937

Background



This preview shows how black text looks on a background with the XYZ color 55.9767, 53.4204, 61.3937.



This preview shows how white text looks on a background with the XYZ color 55.9767, 53.4204,

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

55.9767, 53.4204, 61.3937

Protanopia

51.8773, 53.4804, 64.0884

Deuteranopia

54.6575, 53.3658, 61.4527



Tritanopia

55.9767, 53.4204, 61.3937

Trichromacy



Original Color

55.9767, 53.4204, 61.3937

Protanomaly

53.2154, 53.2160, 63.3441

Deuteranomaly

55.0191, 53.2384, 61.4090

Tritanomaly

55.9767, 53.4204, 61.3937

Monochromacy



Original Color

55.9767, 53.4204, 61.3937

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

53.5563, 54.4270, 60.5061

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9767, 53.4204, 61.3937 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(216, 185, 199)` looks like.

```
.text, #text, p{  
    color:rgb(216, 185, 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(216, 185, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 185, 199) }
```

Border

The CSS property to change the border of an element to XYZ 55.9767, 53.4204, 61.3937 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(216, 185, 199) }
```


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

```
.border{ border-color:rgb(216, 185, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 185, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 185, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 185, 199);  
box-shadow:4px 4px 4px 4px rgb(216, 185,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9767, 53.4204, 61.3937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 185, 199) }
```

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

```
.background{ background-color: rgb(216,  
185, 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](#).

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