

Converting Colors

XYZ(60.7668, 61.2807, 64.2994)

Have a look what the booklet for
XYZ(60.7668, 61.2807, 64.2994)
contains.

XYZ(60.9946, 61.5654, 64.5457)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(60.9946, 61.5654,
64.5457)**

Conversions

Conversions Part 1

Format	Color
Hex	DBCACA
RGB	219, 202, 202
RGB Percent	86%, 79%, 79%
CMY	0.1412, 0.2078, 0.2078
CMYK	0.00, 0.08, 0.08, 0.14
HSL	0°, 19%, 83%
HSV	0°, 8%, 86%
XYZ	60.9946, 61.5654, 64.5457
YIQ	207.0830, 10.1320, 3.6040

Conversions

Conversions Part 2

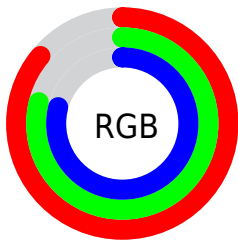
Format	Color
R _Y B	219, 202, 202
Decimal	14404298
CIE Lab	82.68, 5.92, 2.13
CIE LCh	83, 6.295, 19.798
Yxy	61.5654, 0.3260, 0.3290
Android (android.graphics.Color)	4292594378 (0xFFDBCACA)
YUV	207.0830, -2.5059, 10.4512
Hunter-Lab	78.4636, 1.4477, 6.1514

Details

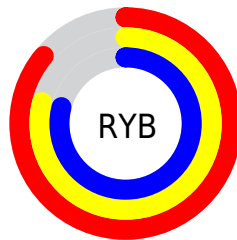
The XYZ color **60.9946, 61.5654, 64.5457** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.4746, 68.3328, 76.9153**, and the grayscale version is **59.3742, 62.4662, 68.0257**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.2450, 31.2104, 32.3944** is the 20% darker color. If you saturate the color by 10%, you get **53.8058, 51.0466, 50.2513**, and if you desaturate by 10%, it is **69.2838, 73.6945, 81.0239**.

Distribution



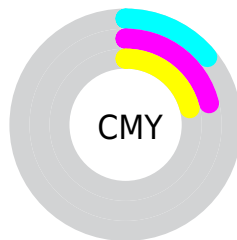
- Red (86%)
- Green (79%)
- Blue (79%)



- Red (86%)
- Yellow (79%)
- Blue (79%)



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



- Cyan (14%)
- Magenta (21%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.9946, 61.5654, 64.5457 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 60.9946, 61.5654, 64.5457 by changing the saturation by 10% instead.

60.9946, 61.5654,
64.5457

60.9946, 61.5654,
64.5457

418.0304,
430.3440, 459.4191

44.4733, 44.6816,
46.6438

105.3693,
107.0972, 113.0035

31.2423, 31.2067,
32.4018

133.9534,
136.5139, 144.3964

20.9362, 20.7563,
21.4012

167.2892,
170.8772, 181.1235

13.1895, 12.9460,
13.2235

205.7420,
210.5713, 223.6032

7.6371, 7.3914,
7.4501

249.6771,
255.9806, 272.2540

3.9135, 3.7080,
3.6625

299.4600,

1.6533, 1.5116,

307.4896, 327.4946

1.4421

355.4560,
365.4826, 389.7434

■ 0.4268, 0.2969,
0.1742

■ 0.0000, 0.0000,
0.0000

■ 60.9946, 61.5654,
64.5457

■ 60.9946, 61.5654,
64.5457

■ 53.8058, 51.0466,
50.2513

■ 69.2838, 73.6945,
81.0239

■ 47.6662, 42.0629,
38.0453

■ 78.7115, 87.4892,
99.7678

■ 42.5283, 34.5449,
27.8313

■ 83.0237, 93.8002,
108.3372

■ 38.3392, 28.4149,
19.5035

■ 35.0406, 23.5880,
12.9465

■ 32.5683, 19.9701,
8.0324

■ 30.8492, 17.4543,
4.6158

■ 29.7976, 15.9151,
2.5263

■ 29.2943, 15.1784,
1.5265

Harmonies

Analogous

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



61.1103, 61.5654, 68.3607



60.9946, 61.5654, 64.5457



60.2090, 61.5654, 61.5107

Triad

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



60.9946, 61.5654, 64.5457



56.5542, 61.5654, 62.3455



58.0571, 61.5654, 74.6267

Complementary

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



60.9946, 61.5654, 64.5457



62.4746, 68.3328, 76.9153

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.



56.8551, 61.5654, 72.8789



60.9946, 61.5654, 64.5457



55.9963, 61.5654, 65.7251

Square

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



60.9946, 61.5654, 64.5457



57.6406, 61.5654, 60.2747



56.1056, 61.5654, 69.5860



59.4004, 61.5654, 74.2812

Rectangle

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



60.9946, 61.5654, 64.5457



59.4178, 61.5654, 60.2914



56.1056, 61.5654, 69.5860



57.6235, 61.5654, 74.2619

Sweetspot

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



60.9963, 61.5681, 64.5470



92.6345, 96.4656, 104.0977



63.1209, 62.4165, 75.7393



19.8529, 20.6846, 22.3315



0.0000, 0.0000, 0.0000



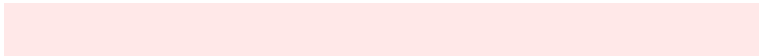
20.3446, 21.4041, 23.3091

Same Dimension

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



60.9963, 61.5681, 64.5470



84.6847, 84.8333, 88.2923



63.0451, 65.6656, 65.2299



13.0563, 13.0520, 13.5567



17.3226, 8.9307, 0.8108



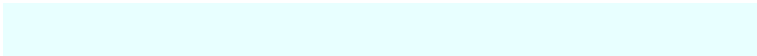
1.1223, 0.5787, 0.0526

Inverse Universe

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



62.4746, 68.3328, 76.9153



87.1033, 95.9009, 108.5276



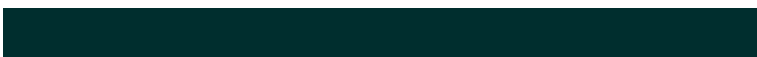
60.3144, 64.0124, 76.1952



13.4447, 14.8291, 16.8058



22.5945, 33.0585, 44.9285



1.4639, 2.1419, 2.9107

Previews

White Background



This preview shows how the XYZ color 60.9946, 61.5654, 64.5457 looks on a white background.

Color Contrast Check

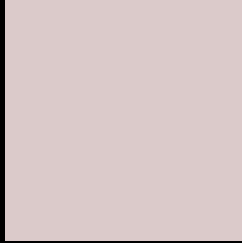
Large Text (above 18pt) WCAG AA × Fail

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 60.9946, 61.5654, 64.5457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

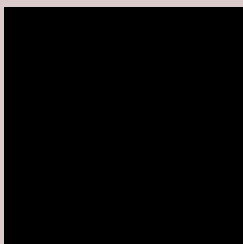
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

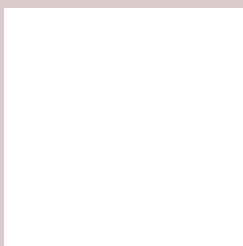
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.9946, 61.5654, 64.5457

Background



This preview shows how black text looks on a background with the XYZ color 60.9946, 61.5654, 64.5457.



This preview shows how white text looks on a background with the XYZ color 60.9946, 61.5654,

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

60.9946, 61.5654, 64.5457

Protanopia

59.3087, 61.7239, 65.9147

Deuteranopia

62.8815, 61.4895, 65.0544



Tritanopia

62.8677, 61.6386, 73.5497

Trichromacy



Original Color

60.9946, 61.5654, 64.5457

Protanomaly

59.8129, 61.6437, 65.2458

Deuteranomaly

62.1742, 61.4676, 65.0874

Tritanomaly

62.1597, 61.6921, 70.2596

Monochromacy



Original Color

60.9946, 61.5654, 64.5457

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.7147, 61.9193, 66.5619

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9946, 61.5654, 64.5457 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(219, 202, 202) looks like.

```
.text, #text, p{  
    color:rgb(219, 202, 202)  
}
```

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(219, 202, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 202, 202) }
```

Border

The CSS property to change the border of an element to XYZ 60.9946, 61.5654, 64.5457 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(219, 202, 202) }
```


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

```
.border{ border-color:rgb(219, 202, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 202, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 202, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 202, 202);  
box-shadow:4px 4px 4px 4px rgb(219, 202,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9946, 61.5654, 64.5457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 202, 202) }
```

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

```
.background{ background-color: rgb(219,  
202, 202) }
```

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