

Converting Colors

XYZ(60.1066, 60.1373, 62.7468)

Have a look what the booklet for
XYZ(60.1066, 60.1373, 62.7468)
contains.

XYZ(59.9456, 60.0304, 62.4604)	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(59.9456, 60.0304,
62.4604)**

Conversions

Conversions Part 1

Format	Color
Hex	DBC7C7
RGB	219, 199, 199
RGB Percent	86%, 78%, 78%
CMY	0.1412, 0.2196, 0.2196
CMYK	0.00, 0.09, 0.09, 0.14
HSL	0°, 22%, 82%
HSV	0°, 9%, 86%
XYZ	59.9456, 60.0304, 62.4604
YIQ	204.9800, 11.9200, 4.2400

Conversions

Conversions Part 2

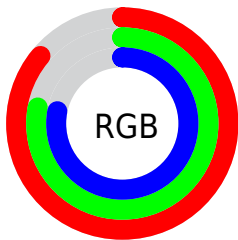
Format	Color
R _Y B	219, 199, 199
Decimal	14403527
CIE Lab	81.85, 7.00, 2.54
CIE LCh	82, 7.446, 19.907
Yxy	60.0304, 0.3286, 0.3290
Android (android.graphics.Color)	4292593607 (0xFFDBC7C7)
YUV	204.9800, -2.9481, 12.2955
Hunter-Lab	77.4793, 2.5164, 6.4385

Details

The XYZ color **59.9456, 60.0304, 62.4604** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.6706, 67.9184, 76.8776**, and the grayscale version is **58.0298, 61.0519, 66.4855**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.5461, 30.1876, 31.0049** is the 20% darker color. If you saturate the color by 10%, you get **52.9033, 49.7260, 48.4577**, and if you desaturate by 10%, it is **68.0821, 71.9361, 78.6346**.

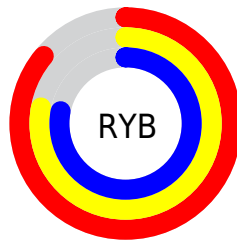
Distribution



Red (86%)

Green (78%)

Blue (78%)



Red (86%)

Yellow (78%)

Blue (78%)

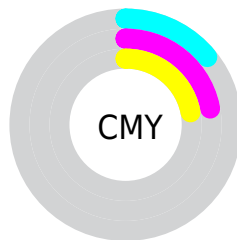


Cyan (0%)

Magenta (9%)

Yellow (9%)

Black (14%)



Cyan (14%)

Magenta (22%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.9456, 60.0304, 62.4604 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 59.9456, 60.0304, 62.4604 by changing the saturation by 10% instead.

■ 59.9456, 60.0304,
62.4604

■ 59.9456, 60.0304,
62.4604

414.2352,
424.7098, 451.6624

■ 43.6241, 43.4431,
44.9666

103.8575,
104.8738, 109.9687

■ 30.5717, 30.2330,
31.0884

132.1787,
133.8987, 140.8203

■ 20.4232, 20.0155,
20.4071

165.2304,
167.8382, 176.9616

■ 12.8131, 12.4063,
12.5043

203.3781,
207.0768, 218.8112

■ 7.3761, 7.0210,
6.9614

246.9870,
251.9989, 266.7875

■ 3.7468, 3.4752,
3.3599

296.4226,

■ 1.5599, 1.3846,

302.9888, 321.3091

1.2812

352.0502,
360.4310, 382.7946

■ 0.3661, 0.2053,
0.0463

■ 0.0000, 0.0000,
0.0000

■ 59.9456, 60.0304,
62.4604

■ 59.9456, 60.0304,
62.4604

■ 52.9033, 49.7260,
48.4577

■ 68.0821, 71.9361,
78.6346

■ 46.9039, 40.9473,
36.5306

■ 77.3513, 85.4991,
97.0632

■ 41.8992, 33.6241,
26.5813

■ 83.0237, 93.8002,
108.3372

■ 37.8356, 27.6778,
18.5032

■ 34.6542, 23.0224,
12.1792

■ 32.2897, 19.5623,
7.4792

■ 30.6676, 17.1883,
4.2553

■ 29.6998, 15.7719,
2.3323

■ 29.2452, 15.1065,
1.4290

Harmonies

Analogous

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



60.0840, 60.0304, 66.8912



59.9456, 60.0304, 62.4604



59.0253, 60.0304, 58.9638

Triad

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



59.9456, 60.0304, 62.4604



54.7766, 60.0304, 59.9465



56.5292, 60.0304, 74.2583

Complementary

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



59.9456, 60.0304, 62.4604



61.6706, 67.9184, 76.8776

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.



55.1331, 60.0304, 72.2090



59.9456, 60.0304, 62.4604



54.1336, 60.0304, 63.8581

Square

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



59.9456, 60.0304, 62.4604



56.0344, 60.0304, 57.5592



54.2629, 60.0304, 68.3540



58.0921, 60.0304, 73.8419

Rectangle

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



59.9456, 60.0304, 62.4604



58.1015, 60.0304, 57.5680



54.2629, 60.0304, 68.3540



56.0253, 60.0304, 73.8314

Sweetspot

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



59.9473, 60.0330, 62.4617



91.4509, 94.7337, 101.7446



62.4237, 61.0222, 75.5068



19.3736, 19.9833, 21.3786



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.



59.9473, 60.0330, 62.4617



82.5551, 81.7170, 84.0587



62.3234, 64.7853, 63.2537



13.0563, 13.0519, 13.5567



17.3225, 8.9306, 0.8108



1.1223, 0.5787, 0.0526

Inverse Universe

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



61.6706, 67.9184, 76.8776



85.4711, 95.0594, 108.4512



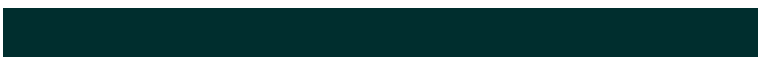
59.1406, 62.8583, 76.0343



13.4447, 14.8292, 16.8058



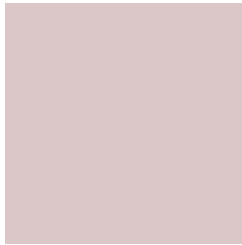
22.5957, 33.0608, 44.9289



1.4639, 2.1420, 2.9107

Previews

White Background



This preview shows how the XYZ color 59.9456, 60.0304, 62.4604 looks on a white background.

Color Contrast Check

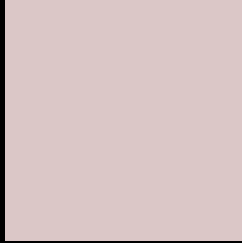
Large Text (above 18pt) WCAG AA × Fail

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 59.9456, 60.0304, 62.4604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

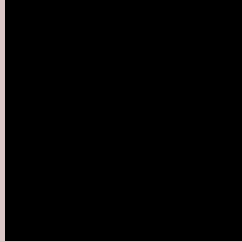
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.9456, 60.0304, 62.4604

Background



This preview shows how black text looks on a background with the XYZ color 59.9456, 60.0304, 62.4604.



This preview shows how white text looks on a background with the XYZ color 59.9456, 60.0304,

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

59.9456, 60.0304, 62.4604

Protanopia

57.9110, 60.3388, 63.8527

Deuteranopia

61.3264, 60.0636, 62.3940



Tritanopia

61.6687, 60.0581, 70.6294

Trichromacy



Original Color

59.9456, 60.0304, 62.4604

Protanomaly

58.6972, 60.4082, 63.2099

Deuteranomaly

60.9343, 60.1997, 62.4409

Tritanomaly

60.9718, 60.1088, 67.4201

Monochromacy



Original Color

59.9456, 60.0304, 62.4604

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.7138, 60.7253, 65.1265

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9456, 60.0304, 62.4604 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, 199, 199)` looks like.

```
.text, #text, p{  
    color:rgb(219, 199, 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(219, 199, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 199, 199) }
```

Border

The CSS property to change the border of an element to XYZ 59.9456, 60.0304, 62.4604 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, 199, 199) }
```


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

```
.border{ border-color:rgb(219, 199, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 199, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 199, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 199, 199);  
box-shadow:4px 4px 4px 4px rgb(219, 199,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9456, 60.0304, 62.4604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 199, 199) }
```

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

```
.background{ background-color: rgb(219,  
199, 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