

Converting Colors

XYZ(59.6649, 58.9315, 60.0127)

Have a look what the booklet for
XYZ(59.6649, 58.9315, 60.0127)
contains.

XYZ(59.7145, 58.9496, 59.8609)	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(59.7145, 58.9496,
59.8609)**

Conversions

Conversions Part 1

Format	Color
Hex	DEC4C3
RGB	222, 196, 195
RGB Percent	87%, 77%, 76%
CMY	0.1294, 0.2314, 0.2353
CMYK	0.00, 0.12, 0.12, 0.13
HSL	2°, 29%, 82%
HSV	2°, 12%, 87%
XYZ	59.7145, 58.9496, 59.8609
YIQ	203.6600, 15.8170, 5.2010

Conversions

Conversions Part 2

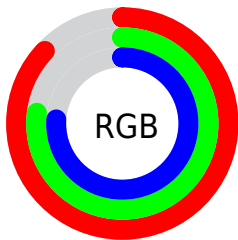
Format	Color
R _Y B	222, 196, 195
Decimal	14599363
CIE Lab	81.26, 9.00, 3.85
CIE LCh	81, 9.787, 23.195
Yxy	58.9496, 0.3345, 0.3302
Android (android.graphics.Color)	4292789443 (0xFFDEC4C3)
YUV	203.6600, -4.2694, 16.0842
Hunter-Lab	76.7786, 4.4655, 7.5193

Details

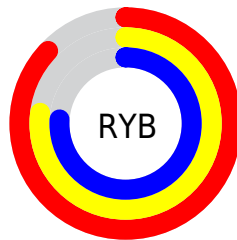
The XYZ color **59.7145, 58.9496, 59.8609** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.5467, 68.5877, 79.1029**, and the grayscale version is **57.2004, 60.1793, 65.5352**.

A 20% lighter version of the original color is **93.9360, 98.5388, 106.1644**, and **30.4171, 29.4846, 29.2872** is the 20% darker color. If you saturate the color by 10%, you get **52.9063, 49.0556, 46.1147**, and if you desaturate by 10%, it is **67.5861, 70.3718, 75.8041**.

Distribution



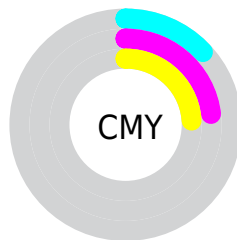
- Red (87%)
- Green (77%)
- Blue (76%)



- Red (87%)
- Yellow (77%)
- Blue (76%)



- Cyan (0%)
- Magenta (12%)
- Yellow (12%)
- Black (13%)



- Cyan (13%)
- Magenta (23%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.7145, 58.9496, 59.8609 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 59.7145, 58.9496, 59.8609 by changing the saturation by 10% instead.

■ 59.7145, 58.9496,
59.8609

■ 59.7145, 58.9496,
59.8609

413.3963,
420.7151, 441.8753

■ 43.4371, 42.5725,
42.8820

■ 103.5241,
103.3044, 106.1693

■ 30.4243, 29.5499,
29.4618

131.7871,
132.0510, 136.3358

■ 20.3105, 19.4972,
19.1819

164.7759,
165.6895, 171.7352

■ 12.7305, 12.0301,
11.6236

202.8560,
204.6043, 212.7861

■ 7.3190, 6.7642,
6.3685

246.3928,
249.1799, 259.9070

■ 3.7105, 3.3151,
2.9980

295.7515,

■ 1.5397, 1.2983,

299.8006, 313.5165

1.0936

351.2975,
356.8509, 374.0331

■ 0.3526, 0.1399,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.7145, 58.9496,
59.8609

■ 59.7145, 58.9496,
59.8609

■ 52.9063, 49.0556,
46.1147

■ 67.5861, 70.3718,
75.8041

■ 47.1113, 40.6176,
34.4656

■ 76.5586, 83.3750,
94.0307

■ 42.2824, 33.5692,
24.8118

■ 83.9345, 94.2698,
108.3798

■ 38.3673, 27.8361,
17.0413

■ 35.3082, 23.3366,
11.0312

■ 33.0410, 19.9803,
6.6440

■ 31.4928, 17.6643,
3.7218

■ 30.5767, 16.2671,
2.0752

■ 30.2141, 15.7089,
1.4397

Harmonies

Analogous

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



60.0171, 58.9496, 65.5269



59.7145, 58.9496, 59.8609



58.4136, 58.9496, 55.6021

Triad

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



59.7145, 58.9496, 59.8609



52.9464, 58.9496, 57.6863



55.5662, 58.9496, 76.0038

Complementary

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



59.7145, 58.9496, 59.8609



61.5467, 68.5877, 79.1029

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.



53.7118, 58.9496, 73.6110



59.7145, 58.9496, 59.8609



52.2232, 58.9496, 62.8637

Square

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



59.7145, 58.9496, 59.8609



54.4985, 58.9496, 54.4009



52.4999, 58.9496, 68.7148



57.5896, 58.9496, 75.0795

Rectangle

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



59.7145, 58.9496, 59.8609



57.1720, 58.9496, 54.0181



52.4999, 58.9496, 68.7148



54.9030, 58.9496, 75.5562

Sweetspot

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



59.7161, 58.9522, 59.8622



90.3976, 93.2537, 99.4615



62.7046, 59.7865, 76.7123



19.1674, 19.6970, 20.9210



0.0000, 0.0000, 0.0000



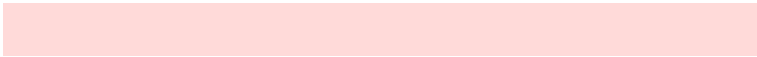
20.3446, 21.4041, 23.3091

Same Dimension

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



59.7161, 58.9522, 59.8622



78.8480, 76.4889, 76.0834



62.8740, 65.2680, 60.9148



13.7479, 13.7818, 14.2423



17.9642, 9.3663, 0.8611



1.2598, 0.6785, 0.0646

Inverse Universe

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



61.5467, 68.5877, 79.1029



81.8990, 92.5494, 108.1550



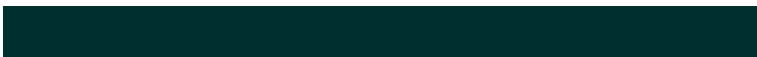
58.1498, 61.7938, 77.9705



14.0706, 15.4803, 17.6341



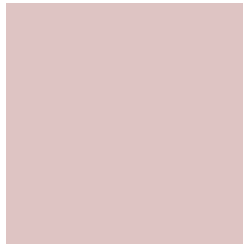
22.0955, 31.6605, 45.9949



1.5454, 2.2222, 3.1927

Previews

White Background



This preview shows how the XYZ color 59.7145, 58.9496, 59.8609 looks on a white background.

Color Contrast Check

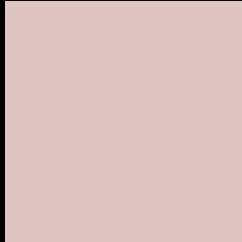
Large Text (above 18pt) WCAG AA × Fail

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 59.7145, 58.9496, 59.8609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

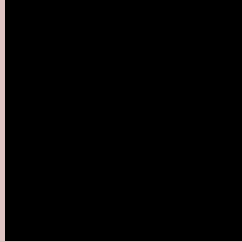
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.7145, 58.9496, 59.8609

Background



This preview shows how black text looks on a background with the XYZ color 59.7145, 58.9496, 59.8609.



This preview shows how white text looks on a background with the XYZ color 59.7145, 58.9496,

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

59.7145, 58.9496, 59.8609

Protanopia

56.5333, 58.9723, 61.8293

Deuteranopia

60.1059, 58.8176, 59.8148



Tritanopia

61.5409, 59.0343, 68.4728

Trichromacy



Original Color

59.7145, 58.9496, 59.8609

Protanomaly

57.6528, 58.8751, 61.1487

Deuteranomaly

59.7969, 58.6583, 59.8003

Tritanomaly

60.8456, 59.0778, 65.3230

Monochromacy



Original Color

59.7145, 58.9496, 59.8609

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

58.2932, 59.8392, 63.7361

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7145, 58.9496, 59.8609 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(222, 196, 195)` looks like.

```
.text, #text, p{  
    color:rgb(222, 196, 195)  
}
```

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(222, 196, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 196, 195) }
```

Border

The CSS property to change the border of an element to XYZ 59.7145, 58.9496, 59.8609 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(222, 196, 195) }
```


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

```
.border{ border-color:rgb(222, 196, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 196, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 196, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 196, 195);  
box-shadow:4px 4px 4px 4px rgb(222, 196,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7145, 58.9496, 59.8609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 196, 195) }
```

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

```
.background{ background-color: rgb(222,  
196, 195) }
```

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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