

Converting Colors

XYZ(59.9848, 58.9493, 60.5264)

Have a look what the booklet for
XYZ(59.9848, 58.9493, 60.5264)
contains.

XYZ(60.1352, 59.1534, 60.4728)	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(60.1352, 59.1534,
60.4728)**

Conversions

Conversions Part 1

Format	Color
Hex	DFC4C4
RGB	223, 196, 196
RGB Percent	87%, 77%, 77%
CMY	0.1255, 0.2314, 0.2314
CMYK	0.00, 0.12, 0.12, 0.13
HSL	0°, 30%, 82%
HSV	0°, 12%, 87%
XYZ	60.1352, 59.1534, 60.4728
YIQ	204.0730, 16.0920, 5.7240

Conversions

Conversions Part 2

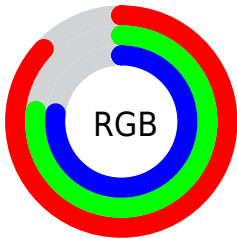
Format	Color
R _Y B	223, 196, 196
Decimal	14664900
CIE Lab	81.38, 9.52, 3.49
CIE LCh	81, 10.137, 20.147
Yxy	59.1534, 0.3345, 0.3291
Android (android.graphics.Color)	4292854980 (0xFFDFC4C4)
YUV	204.0730, -3.9800, 16.5990
Hunter-Lab	76.9112, 4.9705, 7.2201

Details

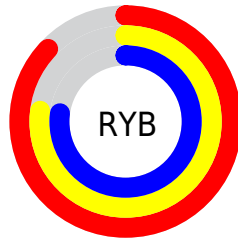
The XYZ color **60.1352, 59.1534, 60.4728** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.4716, 69.8374, 80.0001**, and the grayscale version is **57.4593, 60.4517, 65.8319**.

A 20% lighter version of the original color is **94.0949, 98.6024, 107.0013**, and **30.7039, 29.6238, 29.6909** is the 20% darker color. If you saturate the color by 10%, you get **53.1225, 48.8922, 46.5291**, and if you desaturate by 10%, it is **68.2759, 71.0656, 76.6552**.

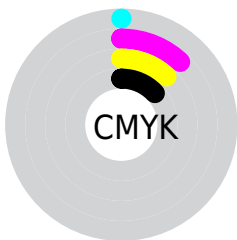
Distribution



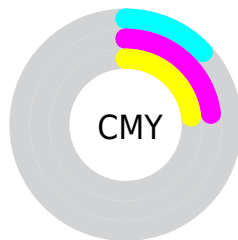
- Red (87%)
- Green (77%)
- Blue (77%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.1352, 59.1534, 60.4728 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 60.1352, 59.1534, 60.4728 by changing the saturation by 10% instead.

60.1352, 59.1534,
60.4728

60.1352, 59.1534,
60.4728

414.9227,
421.4702, 444.1912

43.7775, 42.7366,
43.3721

104.1310,
103.6006, 107.0653

30.6928, 29.6785,
29.8436

132.4998,
132.3998, 137.3941

20.5157, 19.5947,
19.4688

165.6030,
166.0952, 172.9694

12.8809, 12.1008,
11.8293

203.8060,
205.0713, 214.2096

7.4230, 6.8123,
6.5064

247.4741,
249.7125, 261.5334

3.7767, 3.3450,
3.0817

296.9727,

1.5766, 1.3144,

300.4031, 315.3592

1.1365

352.6671,
357.5275, 376.1057

■ 0.3771, 0.1523,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.1352, 59.1534,
60.4728

■ 60.1352, 59.1534,
60.4728

■ 53.1225, 48.8922,
46.5291

■ 68.2759, 71.0656,
76.6552

■ 47.1833, 40.2016,
34.7221

■ 77.5861, 84.6886,
95.1647

■ 42.2664, 33.0067,
24.9474

■ 84.2417, 94.4281,
108.3942

■ 38.3139, 27.2231,
17.0903

■ 35.2626, 22.7581,
11.0249

■ 33.0416, 19.5079,
6.6103

■ 31.5694, 17.3534,
3.6843

■ 30.7481, 16.1513,
2.0522

■ 30.4321, 15.6889,
1.4243

Harmonies

Analogous

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



60.3332, 59.1534, 66.4251



60.1352, 59.1534, 60.4728



58.8746, 59.1534, 55.8606

Triad

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



60.1352, 59.1534, 60.4728



53.1539, 59.1534, 57.2175



55.5293, 59.1534, 76.5996

Complementary

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



60.1352, 59.1534, 60.4728



62.4716, 69.8374, 80.0001

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.



53.6533, 59.1534, 73.7856



60.1352, 59.1534, 60.4728



52.3048, 59.1534, 62.4321

Square

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



60.1352, 59.1534, 60.4728



54.8321, 59.1534, 54.0646



52.4853, 59.1534, 68.5103



57.6383, 59.1534, 75.9931

Rectangle

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



60.1352, 59.1534, 60.4728



57.6183, 59.1534, 54.0464



52.4853, 59.1534, 68.5103



54.8514, 59.1534, 76.0159

Sweetspot

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



60.1368, 59.1560, 60.4741



90.2833, 93.0252, 99.4234



63.4914, 60.4964, 78.1433



19.1386, 19.6394, 20.9115



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.



60.1368, 59.1560, 60.4741



78.4818, 75.7567, 75.9613



63.3193, 65.5210, 61.5349



13.7075, 13.7009, 14.2289



17.8935, 9.2249, 0.8375



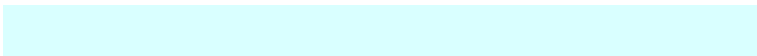
1.2403, 0.6395, 0.0581

Inverse Universe

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



62.4716, 69.8374, 80.0001



82.3492, 93.4497, 108.3051



59.0083, 62.9110, 78.8457



14.1164, 15.5720, 17.6494



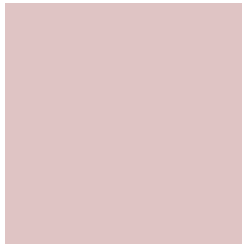
23.3418, 34.1532, 46.4103



1.6180, 2.3674, 3.2169

Previews

White Background



This preview shows how the XYZ color 60.1352, 59.1534, 60.4728 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 60.1352, 59.1534, 60.4728 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 60.1352, 59.1534, 60.4728

Background



This preview shows how black text looks on a background with the XYZ color 60.1352, 59.1534, 60.4728.



This preview shows how white text looks on a background with the XYZ color 60.1352, 59.1534,

60.4728.

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

60.1352, 59.1534, 60.4728

Protanopia

56.9276, 59.1622, 62.4519

Deuteranopia

60.4442, 59.3127, 60.4873



Tritanopia

61.8517, 59.1946, 68.4874

Trichromacy



Original Color

60.1352, 59.1534, 60.4728

Protanomaly

58.0570, 59.0702, 61.7678

Deuteranomaly

60.4442, 59.3127, 60.4873

Tritanomaly

61.1547, 59.2371, 65.3375

Monochromacy



Original Color

60.1352, 59.1534, 60.4728

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 60.1352, 59.1534, 60.4728 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(223, 196, 196)` looks like.

```
.text, #text, p{  
    color:rgb(223, 196, 196)  
}
```

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(223, 196, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 196, 196) }
```

Border

The CSS property to change the border of an element to XYZ 60.1352, 59.1534, 60.4728 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(223, 196, 196) }
```


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

```
.border{ border-color:rgb(223, 196, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 196, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 196, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 196, 196);  
box-shadow:4px 4px 4px 4px rgb(223, 196,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1352, 59.1534, 60.4728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 196, 196) }
```

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

```
.background{ background-color: rgb(223,  
196, 196) }
```

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