

Converting Colors

XYZ(59.8165, 61.9381, 63.8583)

Have a look what the booklet for
XYZ(59.8165, 61.9381, 63.8583)
contains.

XYZ(59.8145, 62.0258, 64.0780)	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(59.8145, 62.0258,
64.0780)**

Conversions

Conversions Part 1

Format	Color
Hex	D5CDC9
RGB	213, 205, 201
RGB Percent	84%, 80%, 79%
CMY	0.1647, 0.1961, 0.2118
CMYK	0.00, 0.04, 0.06, 0.16
HSL	20°, 12%, 81%
HSV	20°, 6%, 84%
XYZ	59.8145, 62.0258, 64.0780
YIQ	206.9360, 6.0520, 0.4520

Conversions

Conversions Part 2

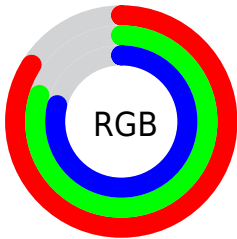
Format	Color
R _Y B	213, 207, 201
Decimal	14011849
CIE Lab	82.93, 2.07, 2.96
CIE LCh	83, 3.611, 55.110
Yxy	62.0258, 0.3217, 0.3336
Android (android.graphics.Color)	4292201929 (0xFFD5CDC9)
YUV	206.9360, -2.9264, 5.3181
Hunter-Lab	78.7565, -2.2554, 6.8899

Details

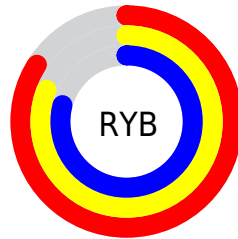
The XYZ color **59.8145, 62.0258, 64.0780** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.8981, 62.8216, 71.9731**, and the grayscale version is **59.2839, 62.3713, 67.9224**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.4336, 31.5089, 32.0816** is the 20% darker color. If you saturate the color by 10%, you get **54.2385, 54.6089, 50.7026**, and if you desaturate by 10%, it is **66.0496, 70.2032, 79.3888**.

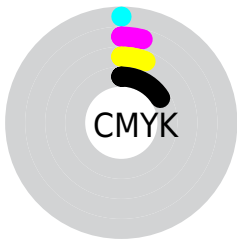
Distribution



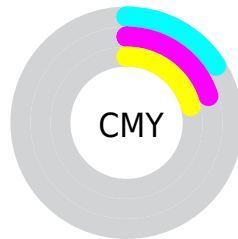
- Red (84%)
- Green (80%)
- Blue (79%)



- Red (84%)
- Yellow (81%)
- Blue (79%)



- Cyan (0%)
- Magenta (4%)
- Yellow (6%)
- Black (16%)



- Cyan (16%)
- Magenta (20%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.8145, 62.0258, 64.0780 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 59.8145, 62.0258, 64.0780 by changing the saturation by 10% instead.

■ 59.8145, 62.0258,
64.0780

■ 59.8145, 62.0258,
64.0780

413.7594,
432.0252, 457.6864

■ 43.5180, 45.0535,
46.2673

103.6684,
107.7628, 112.3238

■ 30.4881, 31.4996,
32.1066

131.9565,
137.2964, 143.5960

■ 20.3592, 20.9796,
21.1774

164.9726,
171.7858, 180.1923

■ 12.7662, 13.1091,
13.0613

203.0820,
211.6155, 222.5315

■ 7.3437, 7.5037,
7.3395

246.6500,
257.1700, 271.0319

■ 3.7262, 3.7791,
3.5937

296.0420,

■ 1.5484, 1.5508,

308.8334, 326.1122

1.4052

351.6233,
366.9904, 388.1909

■ 0.3584, 0.3241,
0.1458

■ 0.0000, 0.0000,
0.0000

■ 59.8145, 62.0258,
64.0780

■ 59.8145, 62.0258,
64.0780

■ 54.2385, 54.6089,
50.7026

■ 66.0496, 70.2032,
79.3888

■ 49.2939, 47.9224,
39.1810

■ 72.9597, 79.1539,
96.7041

■ 44.9588, 41.9458,
29.4318

■ 78.9311, 88.2466,
107.4809

■ 41.2079, 36.6550,
21.3656

■ 81.2509, 92.8863,
108.2542

■ 38.0141, 32.0240,
14.8856

■ 35.3479, 28.0254,
9.8847

■ 33.1766, 24.6295,
6.2425

■ 31.4632, 21.8037,
3.8191

■ 30.1642, 19.5114,
2.4433

Harmonies

Analogous

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



60.3202, 62.0258, 65.7317



59.8145, 62.0258, 64.0780



59.0814, 62.0258, 63.3514

Triad

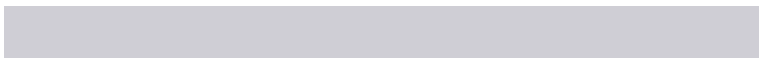
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59.8145, 62.0258, 64.0780



57.4740, 62.0258, 67.1706



59.5915, 62.0258, 71.4944

Complementary

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



59.8145, 62.0258, 64.0780



58.8981, 62.8216, 71.9731

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.



58.8261, 62.0258, 71.9000



59.8145, 62.0258, 64.0780



57.6079, 62.0258, 69.3721

Square

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



59.8145, 62.0258, 64.0780



57.7337, 62.0258, 65.1117



58.1011, 62.0258, 71.1153



60.1907, 62.0258, 70.0189

Rectangle

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



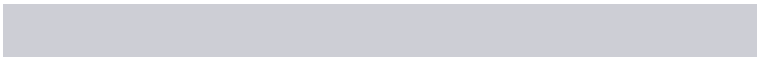
59.8145, 62.0258, 64.0780



58.5641, 62.0258, 63.4786



58.1011, 62.0258, 71.1153



59.3449, 62.0258, 71.7617

Sweetspot

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



59.8162, 62.0285, 64.0793



93.1650, 97.5267, 104.2745



59.8367, 60.5238, 68.8510



19.9609, 20.9007, 22.3675



0.0000, 0.0000, 0.0000



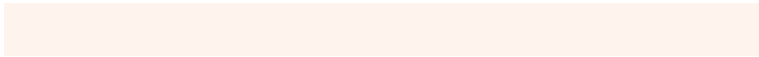
20.3446, 21.4041, 23.3091

Same Dimension

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



59.8162, 62.0285, 64.0793



88.6302, 91.5475, 93.2348



61.2783, 64.9525, 64.5667



12.9970, 13.4073, 13.5903



18.2252, 11.5676, 1.2722



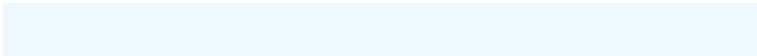
1.1743, 0.8479, 0.1018

Inverse Universe

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



58.8981, 62.8216, 71.9731



86.9146, 93.0292, 107.9833



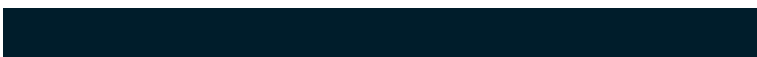
57.4545, 59.9344, 71.4919



12.7284, 13.6393, 15.8993



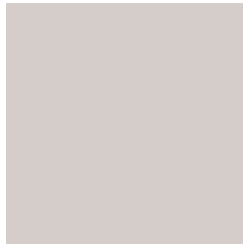
13.3365, 14.9348, 40.6330



0.8791, 1.0502, 2.4757

Previews

White Background



This preview shows how the XYZ color 59.8145, 62.0258, 64.0780 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 59.8145, 62.0258, 64.0780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

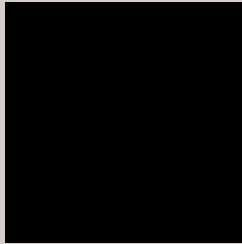
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

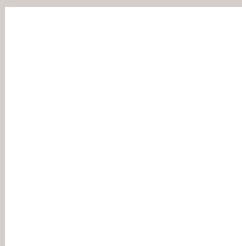
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.8145, 62.0258, 64.0780

Background



This preview shows how black text looks on a background with the XYZ color 59.8145, 62.0258, 64.0780.

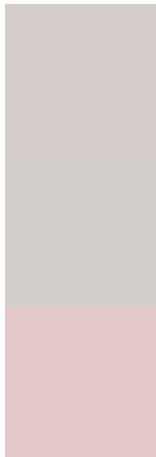


This preview shows how white text looks on a background with the XYZ color 59.8145, 62.0258,

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

59.8145, 62.0258, 64.0780

Protanopia

59.4779, 62.2085, 64.1310

Deuteranopia

63.3099, 62.0668, 64.5204



Tritanopia

62.0943, 61.9019, 75.0052

Trichromacy



Original Color

59.8145, 62.0258, 64.0780

Protanomaly

59.7653, 62.3567, 64.1444

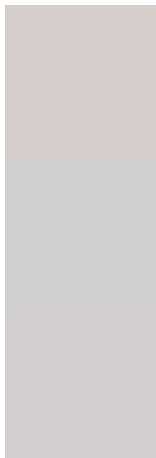
Deuteranomaly

62.2126, 62.1933, 64.6027

Tritanomaly

61.2639, 61.9124, 71.0087

Monochromacy



Original Color

59.8145, 62.0258, 64.0780

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.3852, 62.1057, 66.6153

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8145, 62.0258, 64.0780 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(213, 205, 201) looks like.

```
.text, #text, p{  
    color:rgb(213, 205, 201)  
}
```

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(213, 205, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 205, 201) }
```

Border

The CSS property to change the border of an element to XYZ 59.8145, 62.0258, 64.0780 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(213, 205, 201) }
```


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

```
.border{ border-color:rgb(213, 205, 201) }
```

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

Here you see how a box with a 4 pixel rgb(213, 205, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 205, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 205, 201);  
box-shadow:4px 4px 4px 4px rgb(213, 205,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8145, 62.0258, 64.0780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 205, 201) }
```

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

```
.background{ background-color: rgb(213,  
205, 201) }
```

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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