

Converting Colors

XYZ(59.2619, 61.3615, 64.3423)

Have a look what the booklet for
XYZ(59.2619, 61.3615, 64.3423)
contains.

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Color

**XYZ(59.4049, 61.4470,
64.6066)**

Conversions

Conversions Part 1	
Format	Color
Hex	D4CCCA
RGB	212, 204, 202
RGB Percent	83%, 80%, 79%
CMY	0.1686, 0.2000, 0.2078
CMYK	0.00, 0.04, 0.05, 0.17
HSL	12°, 10%, 81%
HSV	12°, 5%, 83%
XYZ	59.4049, 61.4470, 64.6066
YIQ	206.1640, 5.4100, 1.0740

Conversions

Conversions Part 2

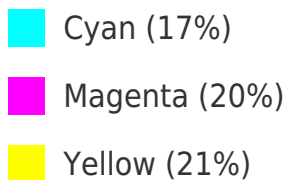
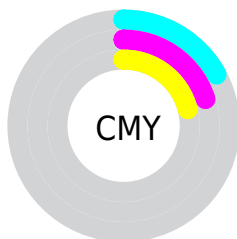
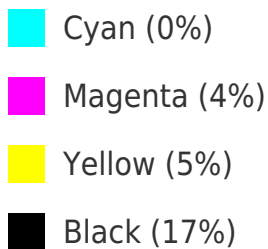
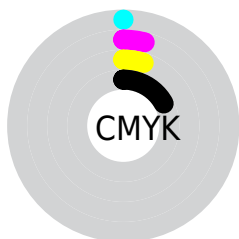
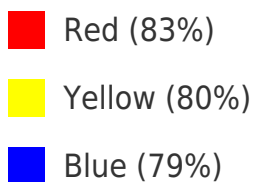
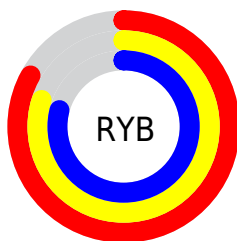
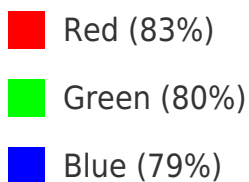
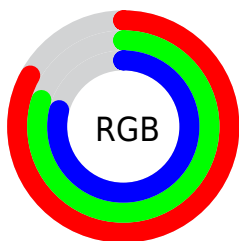
Format	Color
RYB	212, 205, 202
Decimal	13946058
CIELab	82.62, 2.42, 1.97
CIELCh	83, 3.117, 39.198
Yxy	61.4470, 0.3203, 0.3313
Android (android.graphics.Color)	4292136138 (0xFFD4CCCA)
YUV	206.1640, -2.0529, 5.1182
Hunter-Lab	78.3881, -1.9065, 6.0056

Details

The XYZ color 59.4049, 61.4470, 64.6066 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 59.2874, 63.4023, 71.4013, and the grayscale version is 58.7830, 61.8442, 67.3484.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 30.1563, 31.1189, 32.4341 is the 20% darker color. If you saturate the color by 10%, you get 53.2533, 52.8882, 51.0110, and if you desaturate by 10%, it is 66.3434, 71.0263, 80.1674.


Distribution




Brightness & Saturation Gradients


These gradients show how the XYZ color 59.4049, 61.4470, 64.6066 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 59.4049, 61.4470, 64.6066 by changing the saturation by 10% instead.


 59.4049, 61.4470,
64.6066

 59.4049, 61.4470,
64.6066


412.2707,
429.9111, 459.6444

 43.1868, 44.5860,
46.6928


103.0772,
106.9259, 113.0919

 30.2268, 31.1315,
32.4403


131.2620,
136.3126, 144.5006

 20.1598, 20.6990,
21.4304


164.1665,
170.6433, 181.2446

 12.6202, 12.9041,
13.2447

202.1560,
210.3024, 223.7426

 7.2427, 7.3626,
7.4646

245.5958,
255.6744, 272.4130

 3.6620, 3.6899,
3.6715


294.8513,


 1.5128, 1.5016,


307.1435, 327.6744


1.4469


350.2878,
365.0943, 389.9453


 0.3345, 0.2899,
0.1779


 0.0000, 0.0000,
0.0000


 59.4049, 61.4470,
64.6066


 59.4049, 61.4470,
64.6066


 53.2533, 52.8882,
51.0110


 66.3434, 71.0263,
80.1674


 47.8555, 45.3083,
39.2982

 74.0903, 81.6500,
97.7631

 43.1837, 38.6746,
29.3862

 80.9179, 92.6496,
108.2261

 39.2061, 32.9496,
21.1852

 80.9617, 92.7372,
108.2407

■ 35.8888, 28.0932,
14.5975

■ 33.1948, 24.0623,
9.5158

■ 31.0834, 20.8101,
5.8195

■ 29.5084, 18.2847,
3.3692

■ 28.4161, 16.4275,
1.9958

Harmonies

Analogous

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



59.6810, 61.4470, 66.3189



59.4049, 61.4470, 64.6066



58.8610, 61.4470, 63.5241

Triad

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



59.4049, 61.4470, 64.6066



57.2107, 61.4470, 65.6070



58.6092, 61.4470, 70.6038

Complementary

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



59.4049, 61.4470, 64.6066



59.2874, 63.4023, 71.4013

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.



57.9484, 61.4470, 70.4044



59.4049, 61.4470, 64.6066



57.1444, 61.4470, 67.4953

Square

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



59.4049, 61.4470, 64.6066



57.5953, 61.4470, 64.0940



57.4135, 61.4470, 69.2580



59.2193, 61.4470, 69.7977

Rectangle

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



59.4049, 61.4470, 64.6066



58.4215, 61.4470, 63.2931



57.4135, 61.4470, 69.2580



58.3856, 61.4470, 70.6525

Sweetspot

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



59.4066, 61.4497, 64.6079



93.9950, 98.5427, 106.5364



59.9056, 60.8922, 69.5696



20.1299, 21.1076, 22.8281



0.0000, 0.0000, 0.0000



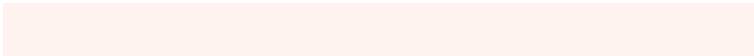
20.3446, 21.4041, 23.3091

Same Dimension

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



59.4066, 61.4497, 64.6079



88.9041, 91.4943, 95.1790



60.6134, 63.8631, 65.0102



13.0204, 13.3722, 13.8509



17.3406, 9.7984, 0.9773



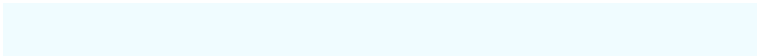
1.1053, 0.7097, 0.0787

Inverse Universe

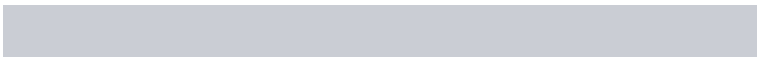
The Inverse Universe completely reimagines the original color for something new.



59.2874, 63.4023, 71.4013



88.6733, 95.2725, 108.3236



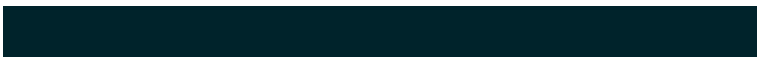
58.0730, 60.9736, 70.9965



12.9835, 13.9758, 15.9508



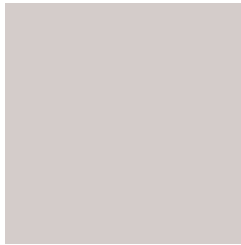
16.2280, 20.7177, 41.5968



1.0337, 1.3594, 2.5272

Previews

White Background



This preview shows how the XYZ color 59.4049, 61.4470, 64.6066 looks on a white background.

Color Contrast Check

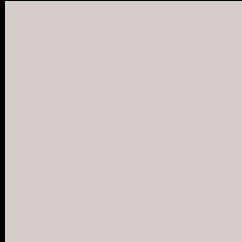
Large Text (above 18pt) WCAG AA × Fail

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 59.4049, 61.4470, 64.6066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

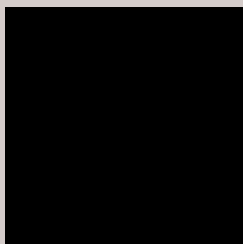
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

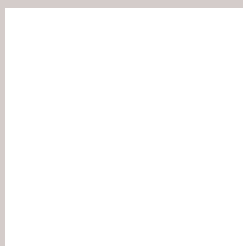
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.4049, 61.4470, 64.6066

Background



This preview shows how black text looks on a background with the XYZ color 59.4049, 61.4470, 64.6066.

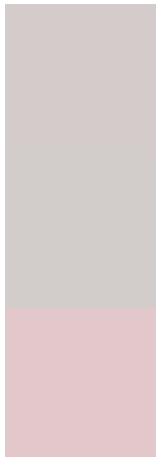


This preview shows how white text looks on a background with the XYZ color 59.4049, 61.4470,

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

59.4049, 61.4470, 64.6066

Protanopia

59.0703, 61.6285, 64.6593

Deuteranopia

62.5669, 61.3274, 65.0397



Tritanopia

61.3765, 61.5470, 74.2905

Trichromacy



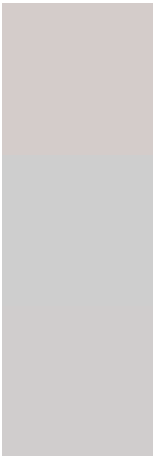
Original Color
59.4049, 61.4470, 64.6066

Protanomaly
59.3560, 61.7758, 64.6726

Deuteranomaly
61.4849, 61.4572, 65.1217

Tritanomaly
60.6802, 61.6115, 70.9814

Monochromacy



Original Color
59.4049, 61.4470, 64.6066

Achromatopsia
58.6655, 61.7207, 67.2138

Achromatomaly
58.8632, 61.4803, 66.5221

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.4049, 61.4470, 64.6066 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(212, 204, 202) looks like.

```
.text, #text, p{  
    color:rgb(212, 204, 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(212, 204, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 204, 202) }
```

Border

The CSS property to change the border of an element to XYZ 59.4049, 61.4470, 64.6066 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(212, 204, 202) }
```


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

```
.border{ border-color:rgb(212, 204, 202) }
```

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

Here you see how a box with a 4 pixel rgb(212, 204, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 204, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 204, 202);  
box-shadow:4px 4px 4px 4px rgb(212, 204,  
202) }
```


Background

The CSS property to change the background color of an element to XYZ 59.4049, 61.4470, 64.6066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 204, 202) }
```

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

```
.background{ background-color: rgb(212,  
204, 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](#).

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