

Converting Colors

XYZ(59.4111, 64.0126, 59.4817)

Have a look what the booklet for
XYZ(59.4111, 64.0126, 59.4817)
contains.

XYZ(59.4982, 64.1404, 59.6965)	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(59.4982, 64.1404,
59.6965)**

Conversions

Conversions Part 1

Format	Color
Hex	D2D3C1
RGB	210, 211, 193
RGB Percent	82%, 83%, 76%
CMY	0.1765, 0.1725, 0.2431
CMYK	0.00, 0.00, 0.09, 0.17
HSL	63°, 17%, 79%
HSV	63°, 9%, 83%
XYZ	59.4982, 64.1404, 59.6965
YIQ	208.6490, 5.1820, -5.8100

Conversions

Conversions Part 2

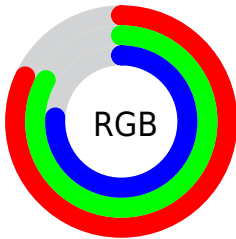
Format	Color
R_{YB}	193, 211, 194
Decimal	13816769
CIE Lab	84.04, -3.48, 8.79
CIE LCh	84, 9.454, 111.617
Yxy	64.1404, 0.3245, 0.3499
Android (android.graphics.Color)	4292006849 (0xFFD2D3C1)
YUV	208.6490, -7.7150, 1.1848
Hunter-Lab	80.0877, -7.5435, 11.8673

Details

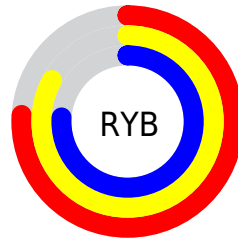
The XYZ color **59.4982, 64.1404, 59.6965** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.0785, 54.3141, 69.3176**, and the grayscale version is **60.4234, 63.5701, 69.2279**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **30.4275, 33.0459, 29.2009** is the 20% darker color. If you saturate the color by 10%, you get **56.9771, 63.0955, 48.1555**, and if you desaturate by 10%, it is **62.3612, 65.3265, 73.0092**.

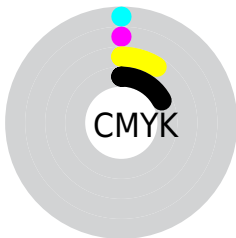
Distribution



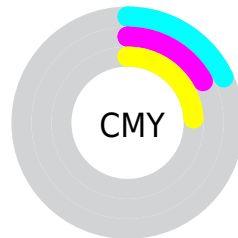
- Red (82%)
- Green (83%)
- Blue (76%)



- Red (76%)
- Yellow (83%)
- Blue (76%)



- Cyan (0%)
- Magenta (0%)
- Yellow (9%)
- Black (17%)



- Cyan (18%)
- Magenta (17%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.4982, 64.1404, 59.6965 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 59.4982, 64.1404, 59.6965 by changing the saturation by 10% instead.

■ 59.4982, 64.1404,
59.6965

■ 59.4982, 64.1404,
59.6965

412.6101,
439.6965, 441.2517

■ 43.2622, 46.7644,
42.7504

■ 103.2119,
110.8131, 105.9283

■ 30.2863, 32.8494,
29.3593

131.4203,
140.8786, 136.0511

■ 20.2052, 22.0111,
19.1049

164.3502,
175.9427, 171.4032

■ 12.6534, 13.8651,
11.5685

202.3670,
216.3899, 212.4031

■ 7.2657, 8.0269,
6.3317

245.8361,
262.6044, 259.4693

■ 3.6766, 4.1122,
2.9757

295.1227,

■ 1.5208, 1.7365,

314.9708, 313.0205

1.0823

350.5923,
373.8733, 373.4751

■ 0.3400, 0.4471,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.4982, 64.1404,
59.6965

■ 59.4982, 64.1404,
59.6965

■ 56.9771, 63.0955,
48.1555

■ 62.3612, 65.3265,
73.0092

■ 54.7785, 62.1777,
38.3077

■ 65.5741, 66.6508,
88.1596

■ 52.8889, 61.3839,
30.0744

■ 68.9407, 68.0369,
104.1066

■ 51.2920, 60.7074,
23.3695

■ 69.2845, 68.2142,
104.1227

■ 49.9698, 60.1411,
18.0988

■ 69.6308, 68.3927,
104.1389

■ 48.9026, 59.6770,
14.1574

■ 69.9796, 68.5725,
104.1552

■ 48.0676, 59.3062,
11.4266

■ 70.3309, 68.7536,
104.1717

■ 47.4383, 59.0179,
9.7663

■ 70.6847, 68.9360,
104.1882

■ 46.9739, 58.7958,
8.9619

■ 71.0410, 69.1197,
104.2049

Harmonies

Analogous

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



61.5500, 64.1404, 59.0817



59.4982, 64.1404, 59.6965



57.8740, 64.1404, 62.9473

Triad

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



59.4982, 64.1404, 59.6965



58.5075, 64.1404, 79.2323



65.0172, 64.1404, 71.5257

Complementary

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



59.4982, 64.1404, 59.6965



53.0785, 54.3141, 69.3176

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.



64.1611, 64.1404, 77.2140



59.4982, 64.1404, 59.6965



60.3808, 64.1404, 81.8265

Square

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



59.4982, 64.1404, 59.6965



57.3111, 64.1404, 74.1547



62.4527, 64.1404, 81.0676



64.7679, 64.1404, 65.6922

Rectangle

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



59.4982, 64.1404, 59.6965



57.2369, 64.1404, 66.2785



62.4527, 64.1404, 81.0676



64.8485, 64.1404, 73.5227

Sweetspot

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



59.5000, 64.1432, 59.6979



93.6858, 99.4362, 102.5345



55.7612, 56.2398, 58.3694



19.9763, 21.2519, 21.5917



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.



59.5000, 64.1432, 59.6979



90.6914, 98.1963, 88.6691



57.0365, 62.8732, 59.5826



12.7356, 13.7626, 12.5973



28.3386, 35.4781, 5.3543



1.6048, 1.9942, 0.3003

Inverse Universe

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



53.0785, 54.3141, 69.3176



79.1378, 80.5118, 105.9771



55.4312, 55.5270, 69.4277



11.2238, 11.4487, 14.8619



7.2134, 2.8989, 37.3719



0.4252, 0.1734, 2.0906

Previews

White Background



This preview shows how the XYZ color 59.4982, 64.1404, 59.6965 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 59.4982, 64.1404, 59.6965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

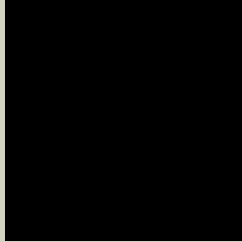
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

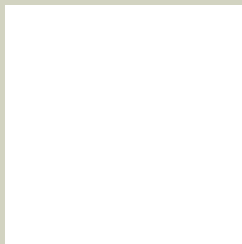
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.4982, 64.1404, 59.6965

Background



This preview shows how black text looks on a background with the XYZ color 59.4982, 64.1404, 59.6965.



This preview shows how white text looks on a background with the XYZ color 59.4982, 64.1404,

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

59.4982, 64.1404, 59.6965

Protanopia

60.9302, 64.1584, 59.0416

Deuteranopia

65.2318, 63.8434, 60.5147



Tritanopia

63.3637, 64.2495, 78.8738

Trichromacy



Original Color

59.4982, 64.1404, 59.6965

Protanomaly

60.2926, 64.1951, 59.0823

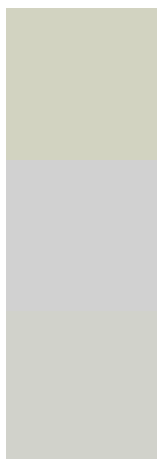
Deuteranomaly

62.9330, 63.7264, 60.0224

Tritanomaly

61.8801, 64.0114, 71.3813

Monochromacy



Original Color

59.4982, 64.1404, 59.6965

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.1206, 63.9603, 65.6768

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.4982, 64.1404, 59.6965 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(210, 211, 193) looks like.

```
.text, #text, p{  
    color:rgb(210, 211, 193)  
}
```

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(210, 211, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 211, 193) }
```

Border

The CSS property to change the border of an element to XYZ 59.4982, 64.1404, 59.6965 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(210, 211, 193) }
```


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

```
.border{ border-color:rgb(210, 211, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 211, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 211, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 211, 193);  
box-shadow:4px 4px 4px 4px rgb(210, 211,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4982, 64.1404, 59.6965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 211, 193) }
```

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

```
.background{ background-color: rgb(210,  
211, 193) }
```

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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