

Converting Colors

XYZ(62.0795, 67.9452, 58.8506)

Have a look what the booklet for
XYZ(62.0795, 67.9452, 58.8506)
contains.

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Color

**XYZ(61.9484, 67.6834,
59.0894)**

Conversions

Conversions Part 1

Format	Color
Hex	D6D9BF
RGB	214, 217, 191
RGB Percent	84%, 85%, 75%
CMY	0.1608, 0.1490, 0.2510
CMYK	0.01, 0.00, 0.12, 0.15
HSL	67°, 25%, 80%
HSV	67°, 12%, 85%
XYZ	61.9484, 67.6834, 59.0894
YIQ	213.1390, 6.5580, -8.7220

Conversions

Conversions Part 2

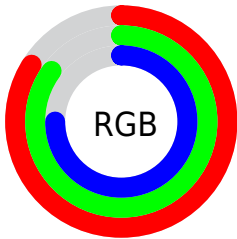
Format	Color
R _Y B	191, 217, 194
Decimal	14080447
CIE Lab	85.85, -5.49, 12.47
CIE LCh	86, 13.620, 113.763
Yxy	67.6834, 0.3283, 0.3586
Android (android.graphics.Color)	4292270527 (0xFFD6D9BF)
YUV	213.1390, -10.9145, 0.7551
Hunter-Lab	82.2699, -9.5637, 15.0046

Details

The XYZ color **61.9484, 67.6834, 59.0894** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.4059, 53.7425, 73.2077**, and the grayscale version is **63.4080, 66.7102, 72.6474**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **31.8059, 35.0466, 29.1331** is the 20% darker color. If you saturate the color by 10%, you get **59.0097, 66.4263, 47.3960**, and if you desaturate by 10%, it is **65.2559, 69.0938, 72.6499**.

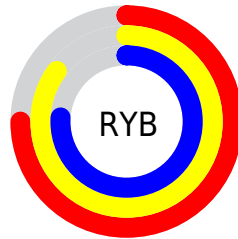
Distribution



Red (84%)

Green (85%)

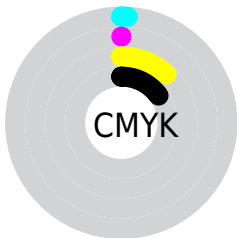
Blue (75%)



Red (75%)

Yellow (85%)

Blue (76%)

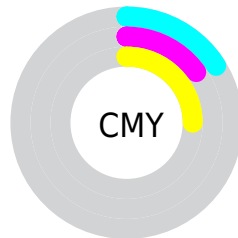


Cyan (1%)

Magenta (0%)

Yellow (12%)

Black (15%)



Cyan (16%)

Magenta (15%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.9484, 67.6834, 59.0894 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 61.9484, 67.6834, 59.0894 by changing the saturation by 10% instead.

61.9484, 67.6834,
59.0894

61.9484, 67.6834,
59.0894

421.4634,
452.3735, 438.9442

45.2464, 49.6402,
42.2646

106.7413,
115.8991, 105.0380

31.8537, 35.1276,
28.9814

135.5630,
146.8404, 134.9989

21.4048, 23.7612,
18.8213

169.1553,
182.8499, 170.1755

13.5343, 15.1566,
11.3657

207.8835,
224.3119, 210.9865

7.8770, 8.9293,
6.1961

252.1131,
271.6109, 257.8503

4.0675, 4.6951,
2.8940

302.2094,

1.7404, 2.0695,

325.1312, 311.1855

1.0408

358.5377,
385.2573, 371.4106

■ 0.4814, 0.6474,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.9484, 67.6834,
59.0894

■ 61.9484, 67.6834,
59.0894

■ 59.0097, 66.4263,
47.3960

■ 65.2559, 69.0938,
72.6499

■ 56.4188, 65.3073,
37.4835

■ 68.9414, 70.6545,
88.1497

■ 54.1607, 64.3228,
29.2659

■ 72.8422, 72.3026,
104.7243

■ 52.2175, 63.4655,
22.6478

■ 73.6137, 72.7003,
104.7605

■ 50.5691, 62.7274,
17.5249

■ 74.3966, 73.1040,
104.7971

■ 49.1934, 62.0997,
13.7802

■ 75.1911, 73.5135,
104.8343

■ 48.0648, 61.5720,
11.2793

■ 75.9970, 73.9290,
104.8720

■ 47.1525, 61.1322,
9.8613

■ 76.8146, 74.3505,
104.9103

■ 46.5360, 60.8264,
9.2880

■ 77.6439, 74.7780,
104.9491

Harmonies

Analogous

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



64.9837, 67.6834, 57.9300



61.9484, 67.6834, 59.0894



59.6215, 67.6834, 64.0168

Triad

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



61.9484, 67.6834, 59.0894



60.8562, 67.6834, 88.4100



70.4686, 67.6834, 75.5745

Complementary

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



61.9484, 67.6834, 59.0894



53.4059, 53.7425, 73.2077

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.



69.2823, 67.6834, 84.3041



61.9484, 67.6834, 59.0894



63.6827, 67.6834, 92.0901

Square

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



61.9484, 67.6834, 59.0894



59.0053, 67.6834, 80.8236



66.7740, 67.6834, 90.5301



69.9680, 67.6834, 66.9997

Rectangle

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



61.9484, 67.6834, 59.0894



58.7519, 67.6834, 69.0042



66.7740, 67.6834, 90.5301



70.2527, 67.6834, 78.5952

Sweetspot

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



61.9502, 67.6864, 59.0909



93.0187, 99.1376, 100.4591



57.2243, 56.9209, 57.2620



19.8302, 21.1857, 21.1735



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.



61.9502, 67.6864, 59.0909



88.3246, 97.1364, 81.3191



58.4143, 65.8635, 58.9254



14.0064, 15.1835, 13.9181



28.2267, 36.8489, 5.6248



1.8716, 2.4094, 0.3664

Inverse Universe

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



53.4059, 53.7425, 73.2077



74.0222, 73.7952, 104.9502



56.7778, 55.4808, 73.3655



12.4777, 12.6889, 16.4437



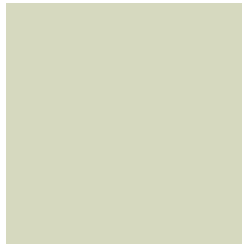
7.8708, 3.1817, 39.9377



0.5575, 0.2307, 2.5896

Previews

White Background



This preview shows how the XYZ color 61.9484, 67.6834, 59.0894 looks on a white background.

Color Contrast Check

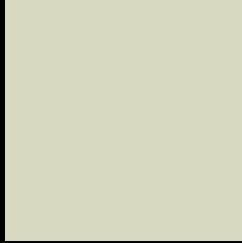
Large Text (above 18pt) WCAG AA × Fail

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 61.9484, 67.6834, 59.0894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

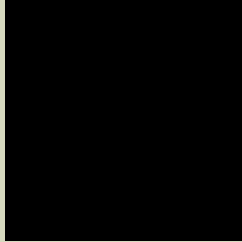
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

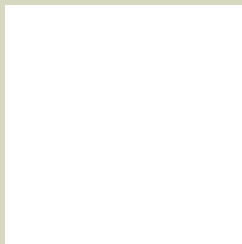
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.9484, 67.6834, 59.0894

Background



This preview shows how black text looks on a background with the XYZ color 61.9484, 67.6834, 59.0894.



This preview shows how white text looks on a background with the XYZ color 61.9484, 67.6834,

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

61.9484, 67.6834, 59.0894

Protanopia

63.9723, 67.6146, 57.8233

Deuteranopia

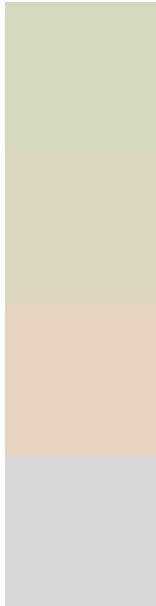
68.9006, 67.5306, 59.8553



Tritanopia

66.7605, 67.7485, 82.9569

Trichromacy



Original Color

61.9484, 67.6834, 59.0894

Protanomaly

63.1099, 67.5342, 58.4244

Deuteranomaly

66.0874, 67.5501, 59.4245

Tritanomaly

64.9276, 67.7511, 73.9452

Monochromacy



Original Color

61.9484, 67.6834, 59.0894

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

62.5066, 66.6470, 67.3273

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9484, 67.6834, 59.0894 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(214, 217, 191) looks like.

```
.text, #text, p{  
    color:rgb(214, 217, 191)  
}
```

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(214, 217, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 217, 191) }
```

Border

The CSS property to change the border of an element to XYZ 61.9484, 67.6834, 59.0894 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(214, 217, 191) }
```


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

```
.border{ border-color:rgb(214, 217, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 217, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 217, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 217, 191);  
box-shadow:4px 4px 4px 4px rgb(214, 217,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9484, 67.6834, 59.0894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 217, 191) }
```

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

```
.background{ background-color: rgb(214,  
217, 191) }
```

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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