

Converting Colors

XYZ(62.0148, 69.6035, 59.3360)

Have a look what the booklet for
XYZ(62.0148, 69.6035, 59.3360)
contains.

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Color

**XYZ(62.1036, 69.7058,
59.4716)**

Conversions

Conversions Part 1

Format	Color
Hex	D2DEBF
RGB	210, 222, 191
RGB Percent	82%, 87%, 75%
CMY	0.1765, 0.1294, 0.2510
CMYK	0.05, 0.00, 0.14, 0.13
HSL	83°, 32%, 81%
HSV	83°, 14%, 87%
XYZ	62.1036, 69.7058, 59.4716
YIQ	214.8780, 2.7990, -12.1850

Conversions

Conversions Part 2

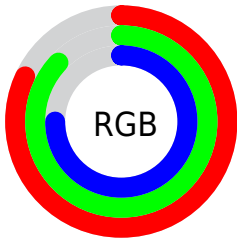
Format	Color
RYB	191, 222, 203
Decimal	13819583
CIELab	86.85, -9.46, 13.85
CIELCh	87, 16.767, 124.331
Yxy	69.7058, 0.3247, 0.3644
Android (android.graphics.Color)	4292009663 (0xFFD2DEBF)
YUV	214.8780, -11.7719, -4.2780
Hunter-Lab	83.4900, -13.3312, 16.2095

Details

The XYZ color **62.1036, 69.7058, 59.4716** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **56.4470, 55.2340, 76.7971**, and the grayscale version is **64.5862, 67.9497, 73.9972**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **31.9237, 36.4410, 29.3960** is the 20% darker color. If you saturate the color by 10%, you get **57.4619, 67.5762, 47.4533**, and if you desaturate by 10%, it is **67.2509, 72.0574, 73.4495**.

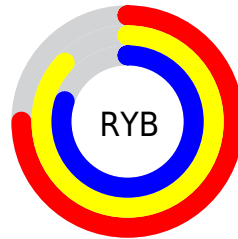
Distribution



Red (82%)

Green (87%)

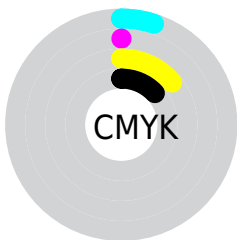
Blue (75%)



Red (75%)

Yellow (87%)

Blue (80%)

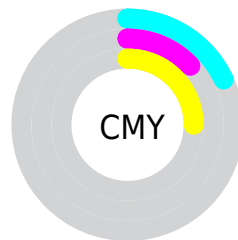


Cyan (5%)

Magenta (0%)

Yellow (14%)

Black (13%)



Cyan (18%)


Magenta (13%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.1036, 69.7058, 59.4716 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 62.1036, 69.7058, 59.4716 by changing the saturation by 10% instead.


 62.1036, 69.7058,
59.4716

 62.1036, 69.7058,
59.4716


422.0204,
459.5163, 440.3978

 45.3723, 51.2867,
42.5704


 106.9643,
118.7891, 105.5986

 31.9533, 36.4368,
29.2193


135.8245,
150.2221, 135.6615

 21.4812, 24.7718,
18.9997


169.4584,
186.7619, 170.9487

 13.5907, 15.9071,
11.4933

208.2313,
228.7929, 211.8787

 7.9163, 9.4584,
6.2813

252.5086,
276.6994, 258.8700

 4.0928, 5.0414,
2.9453

302.6557,

 1.7548, 2.2716,

330.8659, 312.3413

1.0668

359.0378,
391.6768, 372.7111

■ 0.4902, 0.7586,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.1036, 69.7058,
59.4716

■ 62.1036, 69.7058,
59.4716

■ 57.4619, 67.5762,
47.4533

■ 67.2509, 72.0574,
73.4495

■ 53.3016, 65.6518,
37.3026

■ 72.9158, 74.6291,
89.4646

■ 49.6044, 63.9275,
28.9266

■ 78.6946, 77.2621,
105.3732

■ 46.3490, 62.3942,
22.2228

■ 81.6145, 78.7674,
105.5098

■ 43.5115, 61.0424,
17.0783

■ 84.6736, 80.3444,
105.6530

■ 41.0657, 59.8612,
13.3661

■ 85.4127, 80.7254,
105.6876

■ 38.9814, 58.8382,
10.9394

■ 37.2222, 57.9587,
9.6197

■ 36.2835, 57.4835,
9.1831

Harmonies

Analogous

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



65.6872, 69.7058, 56.3910



62.1036, 69.7058, 59.4716



59.7063, 69.7058, 66.9489

Triad

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



62.1036, 69.7058, 59.4716



63.0501, 69.7058, 97.0022



74.0352, 69.7058, 74.2836

Complementary

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



62.1036, 69.7058, 59.4716



56.4470, 55.2340, 76.7971

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.



73.2621, 69.7058, 85.6105



62.1036, 69.7058, 59.4716



66.8226, 69.7058, 99.4524

Square

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



62.1036, 69.7058, 59.4716



60.2375, 69.7058, 88.6982



70.5838, 69.7058, 95.1001



72.6568, 69.7058, 64.3922

Rectangle

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



62.1036, 69.7058, 59.4716



59.0509, 69.7058, 73.7909



70.5838, 69.7058, 95.1001



74.0187, 69.7058, 78.0443

Sweetspot

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



62.1055, 69.7088, 59.4731



92.0128, 98.6190, 100.4120



60.8591, 61.9504, 58.0413



19.5750, 21.0541, 21.1615



0.0000, 0.0000, 0.0000



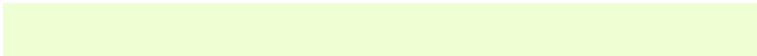
20.3446, 21.4041, 23.3091

Same Dimension

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



62.1055, 69.7088, 59.4731



82.9317, 94.4702, 75.9197



57.9342, 67.5585, 59.2779



14.3310, 15.7508, 14.5917



21.6784, 34.2081, 5.4603



1.6019, 2.4223, 0.3831

Inverse Universe

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



56.4470, 55.2340, 76.7971



73.6391, 70.6974, 104.3725



60.8464, 57.5020, 77.0030



13.4514, 13.5007, 17.2846



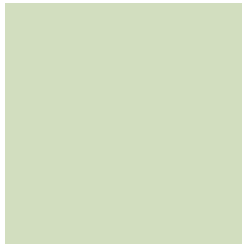
10.2243, 4.3661, 41.3522



0.8067, 0.3532, 2.8709

Previews

White Background



This preview shows how the XYZ color 62.1036, 69.7058, 59.4716 looks on a white background.

Color Contrast Check

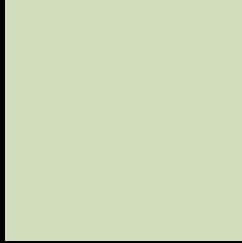
Large Text (above 18pt) WCAG AA × Fail

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 62.1036, 69.7058, 59.4716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

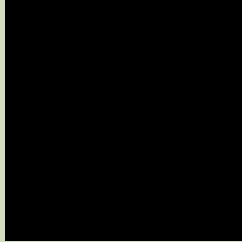
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

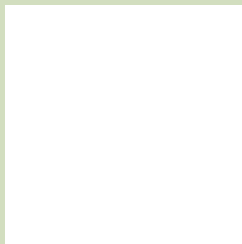
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.1036, 69.7058, 59.4716

Background



This preview shows how black text looks on a background with the XYZ color 62.1036, 69.7058, 59.4716.



This preview shows how white text looks on a background with the XYZ color 62.1036, 69.7058,

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

62.1036, 69.7058, 59.4716

Protanopia

65.8849, 69.7505, 57.5676

Deuteranopia

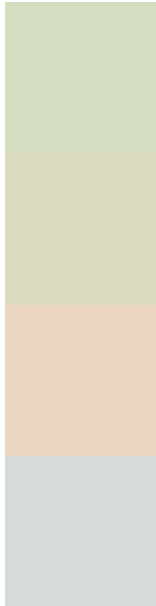
70.8958, 69.2701, 60.6728



Tritanopia

67.5827, 69.5939, 86.9618

Trichromacy



Original Color

62.1036, 69.7058, 59.4716

Protanomaly

64.3356, 69.7093, 58.2085

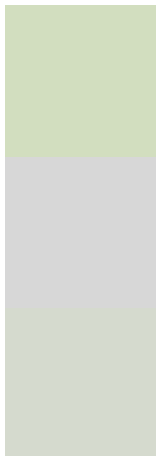
Deuteranomaly

67.6039, 69.4358, 60.2914

Tritanomaly

65.4578, 69.5009, 76.2947

Monochromacy



Original Color

62.1036, 69.7058, 59.4716

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

63.6526, 68.7452, 68.3068

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.1036, 69.7058, 59.4716 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, 222, 191) looks like.

```
.text, #text, p{  
    color:rgb(210, 222, 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(210, 222, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 222, 191) }
```

Border

The CSS property to change the border of an element to XYZ 62.1036, 69.7058, 59.4716 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, 222, 191) }
```


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

```
.border{ border-color:rgb(210, 222, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 222, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 222, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 222, 191);  
box-shadow:4px 4px 4px 4px rgb(210, 222,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1036, 69.7058, 59.4716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 222, 191) }
```

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

```
.background{ background-color: rgb(210,  
222, 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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