

Converting Colors

XYZ(59.2281, 69.4047, 62.1795)

Have a look what the booklet for
XYZ(59.2281, 69.4047, 62.1795)
contains.

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Color

**XYZ(59.0237, 69.2599,
61.8874)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C2E1C3 |
| RGB | 194, 225, 195 |
| RGB Percent | 76%, 88%, 76% |
| CMY | 0.2392, 0.1176, 0.2353 |
| CMYK | 0.14, 0.00, 0.13, 0.12 |
| HSL | 122°, 34%, 82% |
| HSV | 122°, 14%, 88% |
| XYZ | 59.0237, 69.2599, 61.8874 |
| YIQ | 212.3110, -8.8460, -15.9020 |

Conversions

Conversions Part 2

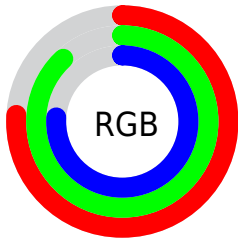
| Format | Color |
|-------------------------------------|---|
| RYB | 194, 224, 225 |
| Decimal | 12771779 |
| CIELab | 86.63, -15.80, 11.28 |
| CIElCh | 87, 19.417, 144.475 |
| Yxy | 69.2599, 0.3104, 0.3642 |
| Android (android.graphics.Color) | 4290961859 (0xFFC2E1C3) |
| YUV | 212.3110, -8.5343, -16.0587 |
| Hunter-Lab | 83.2225, -19.0423, 14.1655 |

Details

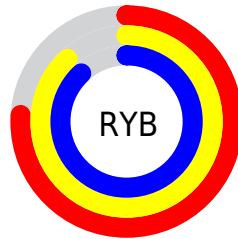
The XYZ color **59.0237, 69.2599, 61.8874** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **63.8002, 59.9746, 78.7379**, and the grayscale version is **62.8470, 66.1200, 72.0046**.

A 20% lighter version of the original color is **93.1143, 99.0575, 106.3078**, and **29.9977, 36.2480, 30.6148** is the 20% darker color. If you saturate the color by 10%, you get **51.3953, 65.5933, 49.6026**, and if you desaturate by 10%, it is **67.8893, 73.5267, 76.1071**.

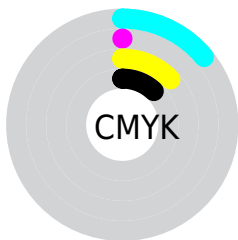
Distribution



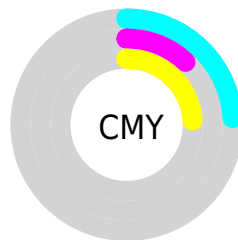
- Red (76%)
- Green (88%)
- Blue (76%)



- Red (76%)
- Yellow (88%)
- Blue (88%)



- Cyan (14%)
- Magenta (0%)
- Yellow (13%)
- Black (12%)



- Cyan (24%)
- Magenta (12%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.0237, 69.2599, 61.8874 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 59.0237, 69.2599, 61.8874 by changing the saturation by 10% instead.

■ 59.0237, 69.2599,
61.8874

■ 59.0237, 69.2599,
61.8874

410.8824,
457.9471, 449.5166

■ 42.8786, 50.9234,
44.5065

■ 102.5265,
118.1527, 109.1328

■ 29.9840, 36.1477,
30.7288

130.6150,
149.4778, 139.8344

■ 19.9745, 24.5483,
20.1357

163.4154,
185.9013, 175.8133

■ 12.4846, 15.7408,
12.3087

201.2929,
227.8074, 217.4881

■ 7.1492, 9.3409,
6.8292

244.6131,
275.5807, 265.2772

■ 3.6027, 4.9642,
3.2787

293.7411,

■ 1.4799, 2.2263,

329.6054, 319.5994

1.2386

349.0424,
390.2661, 380.8729

■ 0.3121, 0.7343,
0.0107

■ 0.0000, 0.0000,
0.0000

■ 59.0237, 69.2599,
61.8874

■ 59.0237, 69.2599,
61.8874

■ 51.3953, 65.5933,
49.6026

■ 67.8893, 73.5267,
76.1071

■ 44.9438, 62.4918,
39.1647

■ 78.0377, 78.4097,
92.3354

■ 39.6124, 59.9299,
30.4859

■ 86.2166, 82.3331,
105.9555

■ 35.3371, 57.8768,
23.4695

■ 32.0478, 56.2985,
18.0091

■ 29.6657, 55.1571,
13.9865

■ 28.1000, 54.4086,
11.2662

■ 27.2412, 53.9999,
9.6873

■ 26.9663, 53.8690,
9.1850

Harmonies

Analogous

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



62.3032, 69.2599, 54.9991



59.0237, 69.2599, 61.8874



57.5729, 69.2599, 73.0471

Triad

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



59.0237, 69.2599, 61.8874



64.9984, 69.2599, 102.9194



74.0382, 69.2599, 65.5878

Complementary

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



59.0237, 69.2599, 61.8874



63.8002, 59.9746, 78.7379

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.



74.8399, 69.2599, 77.8279



59.0237, 69.2599, 61.8874



69.4864, 69.2599, 100.3386

Square

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



59.0237, 69.2599, 61.8874



60.9200, 69.2599, 97.4747



73.1392, 69.2599, 90.7766



70.9958, 69.2599, 56.9586

Rectangle

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



59.0237, 69.2599, 61.8874



57.7880, 69.2599, 81.7892



73.1392, 69.2599, 90.7766



74.5844, 69.2599, 69.3757

Sweetspot

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



59.0256, 69.2629, 61.8889



89.8476, 97.4970, 100.5729



67.5563, 73.6736, 61.6996



19.0283, 20.7708, 21.2019



0.0000, 0.0000, 0.0000



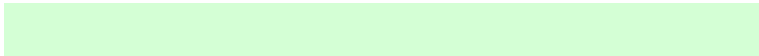
20.3446, 21.4041, 23.3091

Same Dimension

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



59.0256, 69.2629, 61.8889



74.8270, 90.2717, 76.4636



60.8104, 69.9768, 71.2876



13.5466, 15.3444, 14.6477



15.5466, 31.0435, 5.3356



1.0840, 2.1543, 0.4036

Inverse Universe

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



63.8002, 59.9746, 78.7379



82.5217, 75.3024, 103.6169



61.8519, 59.1953, 68.4787



14.2749, 13.9276, 17.2179



25.1747, 12.1369, 39.1813



1.7511, 0.8437, 2.7479

Previews

White Background



This preview shows how the XYZ color 59.0237, 69.2599, 61.8874 looks on a white background.

Color Contrast Check

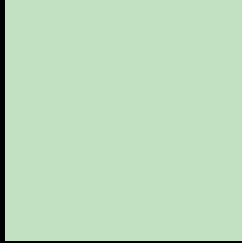
Large Text (above 18pt) WCAG AA × Fail

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 59.0237, 69.2599, 61.8874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

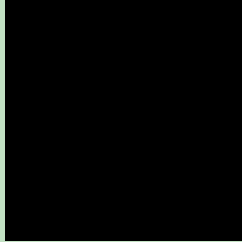
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

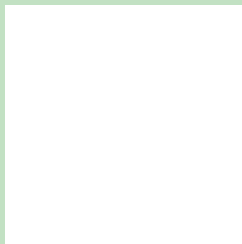
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.0237, 69.2599, 61.8874

Background



This preview shows how black text looks on a background with the XYZ color 59.0237, 69.2599, 61.8874.



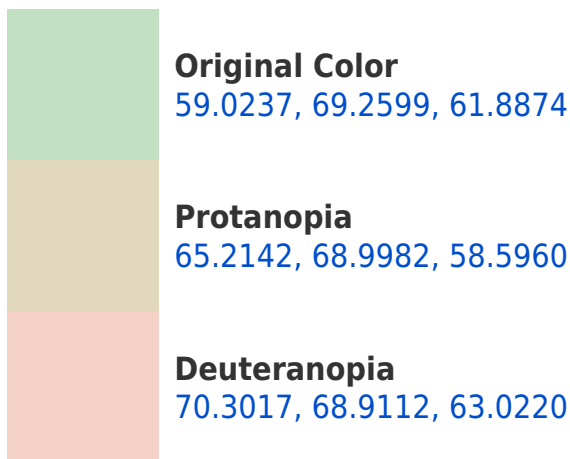
This preview shows how white text looks on a background with the XYZ color 59.0237, 69.2599,

61.8874.

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





Tritanopia

64.5592, 69.1367, 89.2990

Trichromacy



Original Color

59.0237, 69.2599, 61.8874

Protanomaly

62.5775, 68.7649, 59.8439

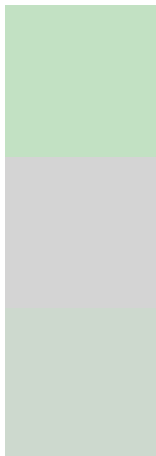
Deuteranomaly

65.7425, 68.8008, 62.6382

Tritanomaly

62.1963, 68.9391, 78.4351

Monochromacy



Original Color

59.0237, 69.2599, 61.8874

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.1303, 67.0611, 68.1147

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0237, 69.2599, 61.8874 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(194, 225, 195)` looks like.

```
.text, #text, p{  
    color:rgb(194, 225, 195)  
}
```

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(194, 225, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 225, 195) }
```

Border

The CSS property to change the border of an element to XYZ 59.0237, 69.2599, 61.8874 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(194, 225, 195) }
```


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

```
.border{ border-color:rgb(194, 225, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 225, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 225, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 225, 195); box-shadow:4px 4px 4px 4px rgb(194, 225, 195) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0237, 69.2599, 61.8874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 225, 195) }
```

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

```
.background{ background-color: rgb(194,  
225, 195) }
```

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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