

Converting Colors

XYZ(60.0600, 69.6535, 52.7949)

Have a look what the booklet for
XYZ(60.0600, 69.6535, 52.7949)
contains.

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Color

**XYZ(59.9692, 69.5451,
52.9107)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | CDE0B3 |
| RGB | 205, 224, 179 |
| RGB Percent | 80%, 88%, 70% |
| CMY | 0.1961, 0.1215, 0.2980 |
| CMYK | 0.08, 0.00, 0.20, 0.12 |
| HSL | 85°, 42%, 79% |
| HSV | 85°, 20%, 88% |
| XYZ | 59.9692, 69.5451, 52.9107 |
| YIQ | 213.1890, 3.1210, -18.0230 |

Conversions

Conversions Part 2

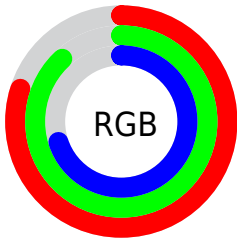
| Format | Color |
|-------------------------------------|---|
| RYB | 179, 224, 198 |
| Decimal | 13492403 |
| CIELab | 86.77, -14.14, 19.96 |
| CIELCh | 87, 24.461, 125.325 |
| Yxy | 69.5451, 0.3287, 0.3812 |
| Android (android.graphics.Color) | 4291682483 (0xFFCDE0B3) |
| YUV | 213.1890, -16.8552, -7.1818 |
| Hunter-Lab | 83.3937, -17.5779, 20.7579 |

Details

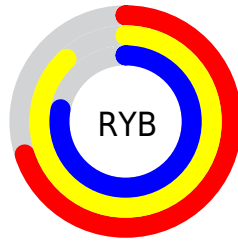
The XYZ color **59.9692, 69.5451, 52.9107** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.8661, 49.6297, 77.3179**, and the grayscale version is **63.4817, 66.7877, 72.7318**.

A 20% lighter version of the original color is **91.9954, 98.7782, 92.8147**, and **30.5315, 36.3663, 25.1489** is the 20% darker color. If you saturate the color by 10%, you get **55.3547, 67.4092, 41.8140**, and if you desaturate by 10%, it is **65.1132, 71.9156, 65.9562**.

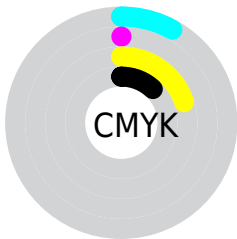
Distribution



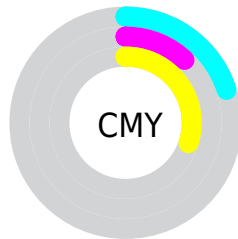
- Red (80%)
- Green (88%)
- Blue (70%)



- Red (70%)
- Yellow (88%)
- Blue (78%)



- Cyan (8%)
- Magenta (0%)
- Yellow (20%)
- Black (12%)





- Cyan (20%)
- Magenta (12%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.9692, 69.5451, 52.9107 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 59.9692, 69.5451, 52.9107 by changing the saturation by 10% instead.

 59.9692, 69.5451,
52.9107

 59.9692, 69.5451,
52.9107

414.3208,
458.9512, 414.9990

 43.6432, 51.1558,
37.3442


 103.8916,
118.5598, 95.9132

 30.5868, 36.3326,
25.1763


132.2187,
149.9540, 124.1863

 20.4347, 24.6912,
15.9882


165.2768,
186.4519, 157.5320

 12.8215, 15.8471,
9.3615

203.4313,
228.4379, 196.3689

 7.3819, 9.4160,
4.8777

247.0477,
276.2964, 241.1155

 3.7505, 5.0135,
2.1182

296.4911,

 1.5620, 2.2552,


330.4119, 292.1904


0.6266


352.1270,
391.1687, 350.0120


 0.3674, 0.7498,
0.0000


 0.0000, 0.0000,
0.0000

 59.9692, 69.5451,
52.9107


 59.9692, 69.5451,
52.9107


 55.3547, 67.4092,
41.8140


 65.1132, 71.9156,
65.9562


 51.2438, 65.4903,
32.5679

 70.8005, 74.5197,
81.0332

 47.6162, 63.7824,
25.0726

 77.0511, 77.3680,
98.2252

 44.4479, 62.2754,
19.2172

 81.6136, 79.5601,
105.6629

■ 41.7125, 60.9584,
14.8778

■ 84.9600, 81.2853,
105.8195

■ 39.3800, 59.8192,
11.9130

■ 85.9471, 81.7941,
105.8657

■ 37.4154, 58.8433,
10.1550

■ 35.7728, 58.0135,
9.3123

Harmonies

Analogous

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



65.0895, 69.5451, 48.5939



59.9692, 69.5451, 52.9107



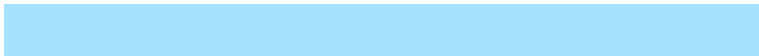
56.6415, 69.5451, 63.3712

Triad

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



59.9692, 69.5451, 52.9107



61.6339, 69.5451, 107.9427



77.6134, 69.5451, 72.8495

Complementary

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



59.9692, 69.5451, 52.9107



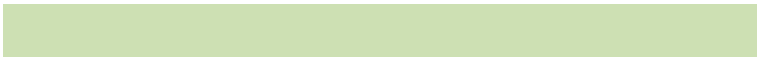
52.8661, 49.6297, 77.3179

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.



76.5581, 69.5451, 89.5833



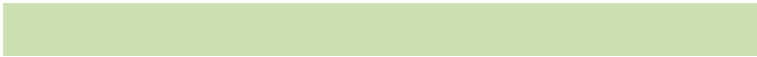
59.9692, 69.5451, 52.9107



67.1220, 69.5451, 111.4351

Square

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



59.9692, 69.5451, 52.9107



57.5632, 69.5451, 95.3411



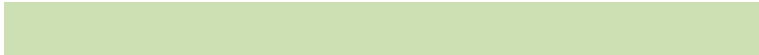
72.6362, 69.5451, 104.2982



75.4428, 69.5451, 58.9992

Rectangle

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



59.9692, 69.5451, 52.9107



55.7768, 69.5451, 73.1956



72.6362, 69.5451, 104.2982



77.6255, 69.5451, 78.3075

Sweetspot

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



59.9710, 69.5481, 52.9122



90.3464, 97.8486, 96.3295



59.0167, 59.3784, 50.9995



19.2318, 20.8950, 20.3388



0.0000, 0.0000, 0.0000



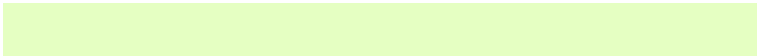
20.3446, 21.4041, 23.3091

Same Dimension

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



59.9710, 69.5481, 52.9122



77.8381, 92.0898, 64.5938



54.2635, 66.6058, 52.6451



14.2833, 15.7262, 14.5894



20.9553, 33.8354, 5.4264



1.5541, 2.3976, 0.3809

Inverse Universe

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



52.8661, 49.6297, 77.3179



66.7048, 60.8747, 102.8420



59.1682, 52.8786, 77.6128



13.4979, 13.5247, 17.2868



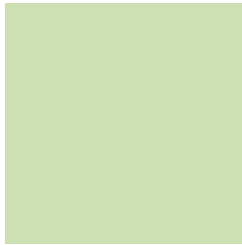
10.6788, 4.6004, 41.3735



0.8408, 0.3707, 2.8725

Previews

White Background



This preview shows how the XYZ color 59.9692, 69.5451, 52.9107 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 59.9692, 69.5451, 52.9107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

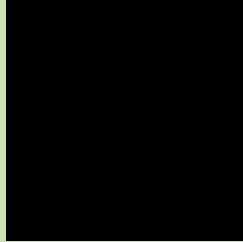
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

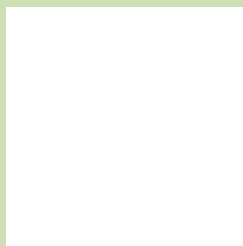
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.9692, 69.5451, 52.9107

Background



This preview shows how black text looks on a background with the XYZ color 59.9692, 69.5451, 52.9107.

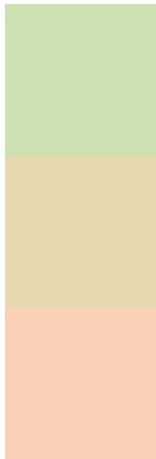


This preview shows how white text looks on a background with the XYZ color 59.9692, 69.5451,

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

59.9692, 69.5451, 52.9107

Protanopia

65.1838, 69.5438, 50.5452

Deuteranopia

70.6683, 69.3023, 53.9080



Tritanopia

67.1047, 69.7124, 87.7609

Trichromacy



Original Color

59.9692, 69.5451, 52.9107

Protanomaly

63.2485, 69.6931, 51.1929

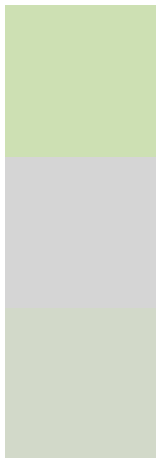
Deuteranomaly

66.3187, 68.9218, 53.5239

Tritanomaly

64.3091, 69.7431, 73.6906

Monochromacy



Original Color

59.9692, 69.5451, 52.9107

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

61.9338, 67.5444, 65.0315

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9692, 69.5451, 52.9107 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(205, 224, 179)` looks like.

```
.text, #text, p{  
    color:rgb(205, 224, 179)  
}
```

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(205, 224, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 224, 179) }
```

Border

The CSS property to change the border of an element to XYZ 59.9692, 69.5451, 52.9107 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(205, 224, 179) }
```


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

```
.border{ border-color:rgb(205, 224, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 224, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 224, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 224, 179);  
box-shadow:4px 4px 4px 4px rgb(205, 224,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9692, 69.5451, 52.9107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 224, 179) }
```

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

```
.background{ background-color: rgb(205,  
224, 179) }
```

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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