

Converting Colors

XYZ(70.6885, 79.4635, 60.6190)

Have a look what the booklet for
XYZ(70.6885, 79.4635, 60.6190)
contains.

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Color

**XYZ(70.7909, 79.5091,
60.9059)**

Conversions

Conversions Part 1

Format	Color
Hex	E3EBBF
RGB	227, 235, 191
RGB Percent	89%, 92%, 75%
CMY	0.1098, 0.0784, 0.2510
CMYK	0.03, 0.00, 0.19, 0.08
HSL	71°, 52%, 84%
HSV	71°, 19%, 92%
XYZ	70.7909, 79.5091, 60.9059
YIQ	227.5920, 9.3560, -15.3800

Conversions

Conversions Part 2

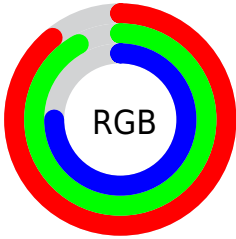
Format	Color
RYB	191, 235, 199
Decimal	14937023
CIELab	91.46, -9.98, 20.49
CIElCh	91, 22.794, 115.965
Yxy	79.5091, 0.3352, 0.3765
Android (android.graphics.Color)	4293127103 (0xFFE3EBBF)
YUV	227.5920, -18.0399, -0.5192
Hunter-Lab	89.1679, -14.3316, 21.9196

Details

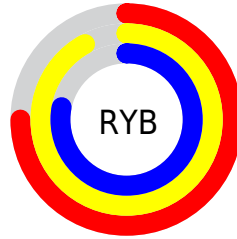
The XYZ color **70.7909, 79.5091, 60.9059** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **57.1823, 55.4039, 86.2817**, and the grayscale version is **73.5693, 77.4006, 84.2893**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **37.4300, 42.7043, 29.9369** is the 20% darker color. If you saturate the color by 10%, you get **67.0785, 77.8730, 48.2983**, and if you desaturate by 10%, it is **74.9560, 81.3355, 75.7040**.

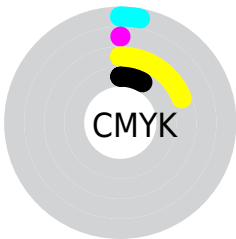
Distribution



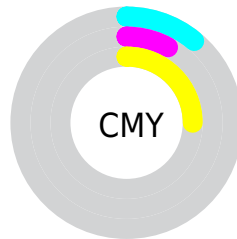
- Red (89%)
- Green (92%)
- Blue (75%)



- Red (75%)
- Yellow (92%)
- Blue (78%)



- Cyan (3%)
- Magenta (0%)
- Yellow (19%)
- Black (8%)



- Cyan (11%)
- Magenta (8%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.7909, 79.5091, 60.9059 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 70.7909, 79.5091, 60.9059 by changing the saturation by 10% instead.

70.7909, 79.5091,
60.9059

70.7909, 79.5091,
60.9059

452.5454,
493.2769, 445.8259

52.4535, 59.3145,
43.7192

119.3561,
132.6753, 107.6989

37.5924, 42.8663,
30.1142

150.3146,
166.4157, 138.1422

25.8423, 29.7802,
19.6725

186.2108,
205.4402, 173.8415

16.8377, 19.6718,
11.9755

227.4101,
250.1331, 215.2152

10.2135, 12.1567,
6.6047

274.2778,
300.8788, 262.6820

5.6041, 6.8505,
3.1414

327.1794,

2.6442, 3.3688,

358.0617, 316.6603

1.1673

386.4801,
422.0663, 377.5688

■ 0.9685, 1.3272,
0.0000

■ 0.0000, 0.1621,
0.0000

■ 70.7909, 79.5091,
60.9059

■ 70.7909, 79.5091,
60.9059

■ 67.0785, 77.8730,
48.2983

■ 74.9560, 81.3355,
75.7040

■ 63.7926, 76.4086,
37.7720

■ 79.5861, 83.3492,
92.7846

■ 60.9136, 75.1108,
29.2162

■ 83.6360, 85.1346,
106.6323

■ 58.4179, 73.9701,
22.5079

■ 85.1031, 85.8910,
106.7009

■ 56.2792, 72.9760,
17.5100

■ 86.6046, 86.6650,
106.7712

■ 54.4677, 72.1164,
14.0666

■ 88.1408, 87.4570,
106.8431

■ 52.9481, 71.3774,
11.9933

■ 88.9999, 87.8999,
106.8833

■ 51.6682, 70.7379,
11.0166

■ 51.5132, 70.6599,
10.9237

Harmonies

Analogous

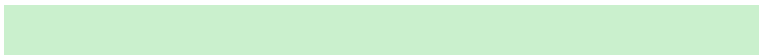
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.3587, 79.5091, 58.4511



70.7909, 79.5091, 60.9059



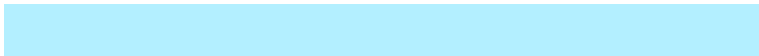
66.6976, 79.5091, 69.8920

Triad

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



70.7909, 79.5091, 60.9059



69.4972, 79.5091, 115.8411



87.2551, 79.5091, 88.8395

Complementary

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



70.7909, 79.5091, 60.9059



57.1823, 55.4039, 86.2817

Split Complementary

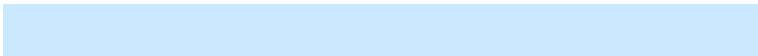
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.1985, 79.5091, 105.7145



70.7909, 79.5091, 60.9059



74.7887, 79.5091, 122.5153

Square

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



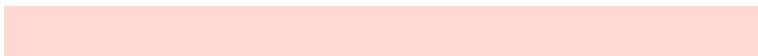
70.7909, 79.5091, 60.9059



65.9779, 79.5091, 101.3280



80.5616, 79.5091, 118.5925



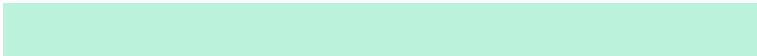
86.0517, 79.5091, 73.3227

Rectangle

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



70.7909, 79.5091, 60.9059



65.2561, 79.5091, 79.0523



80.5616, 79.5091, 118.5925



86.9194, 79.5091, 94.5539

Sweetspot

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



70.7930, 79.5126, 60.9076



91.6671, 98.5294, 96.3913



63.9379, 61.9667, 57.8822



19.5444, 21.0562, 20.3534



0.0000, 0.0000, 0.0000



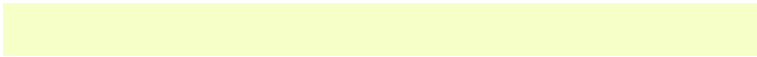
20.3446, 21.4041, 23.3091

Same Dimension

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



70.7930, 79.5126, 60.9076



83.6419, 95.0145, 67.9032



64.4761, 76.2561, 60.6120



16.0676, 17.4804, 16.0459



28.7678, 39.3748, 6.0839



2.3288, 3.1279, 0.4810

Inverse Universe

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



57.1823, 55.4039, 86.2817



64.7746, 61.5915, 103.0821



63.2449, 58.5293, 86.5654



14.4868, 14.6807, 18.9924



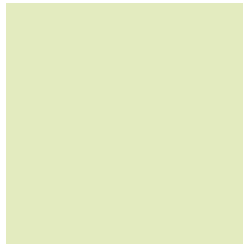
8.9707, 3.6605, 43.9767



0.7773, 0.3250, 3.4566

Previews

White Background



This preview shows how the XYZ color 70.7909, 79.5091, 60.9059 looks on a white background.

Color Contrast Check

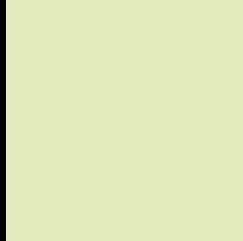
Large Text (above 18pt) WCAG AA × Fail

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 70.7909, 79.5091, 60.9059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

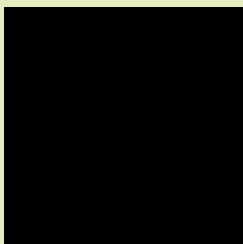
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.7909, 79.5091, 60.9059

Background



This preview shows how black text looks on a background with the XYZ color 70.7909, 79.5091, 60.9059.



This preview shows how white text looks on a background with the XYZ color 70.7909, 79.5091,

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

70.7909, 79.5091, 60.9059

Protanopia

74.7903, 79.5008, 59.5474

Deuteranopia

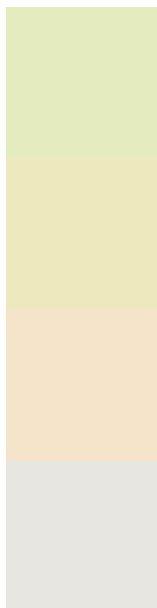
79.0362, 79.0275, 69.4807



Tritanopia

78.2115, 79.1929, 97.5498

Trichromacy



Original Color

70.7909, 79.5091, 60.9059

Protanomaly

73.4108, 79.6081, 60.2119

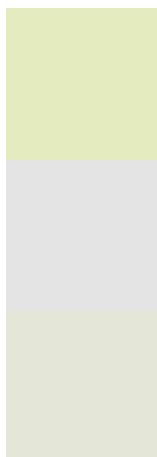
Deuteranomaly

75.9422, 79.1163, 66.5267

Tritanomaly

75.1661, 79.1857, 82.5568

Monochromacy



Original Color

70.7909, 79.5091, 60.9059

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

72.8366, 78.5521, 75.6132

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.7909, 79.5091, 60.9059 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(227, 235, 191)` looks like.

```
.text, #text, p{  
    color:rgb(227, 235, 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(227, 235, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 235, 191) }
```

Border

The CSS property to change the border of an element to XYZ 70.7909, 79.5091, 60.9059 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(227, 235, 191) }
```


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

```
.border{ border-color:rgb(227, 235, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 235, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 235, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 235, 191);  
box-shadow:4px 4px 4px 4px rgb(227, 235,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 70.7909, 79.5091, 60.9059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 235, 191) }
```

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

```
.background{ background-color: rgb(227,  
235, 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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