

Converting Colors

XYZ(60.1506, 71.4910, 61.0809)

Have a look what the booklet for
XYZ(60.1506, 71.4910, 61.0809)
contains.

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Color

**XYZ(60.1506, 71.4910,
61.0809)**

Conversions

Conversions Part 1

Format	Color
Hex	C3E5C1
RGB	195, 229, 193
RGB Percent	76%, 90%, 76%
CMY	0.2353, 0.1019, 0.2431
CMYK	0.15, 0.00, 0.16, 0.10
HSL	117°, 41%, 83%
HSV	117°, 16%, 90%
XYZ	60.1506, 71.4910, 61.0809
YIQ	214.7300, -8.7080, -18.4040

Conversions

Conversions Part 2

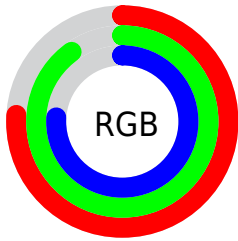
Format	Color
RYB	193, 229, 227
Decimal	12838337
CIELab	87.72, -17.81, 13.89
CIELCh	88, 22.580, 142.051
Yxy	71.4910, 0.3121, 0.3710
Android (android.graphics.Color)	4291028417 (0xFFC3E5C1)
YUV	214.7300, -10.7129, -17.3032
Hunter-Lab	84.5524, -20.9816, 16.3554

Details

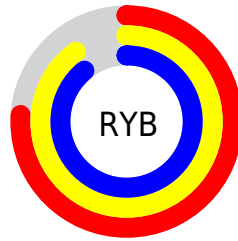
The XYZ color **60.1506, 71.4910, 61.0809** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **64.8943, 60.1300, 82.3185**, and the grayscale version is **64.4847, 67.8429, 73.8809**.

A 20% lighter version of the original color is **93.0038, 99.0550, 103.8402**, and **30.5883, 37.4139, 30.0355** is the 20% darker color. If you saturate the color by 10%, you get **52.6020, 67.8743, 48.4091**, and if you desaturate by 10%, it is **68.9081, 75.6893, 75.8772**.

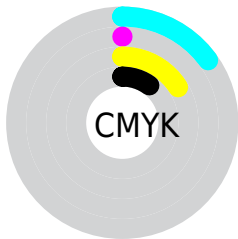
Distribution



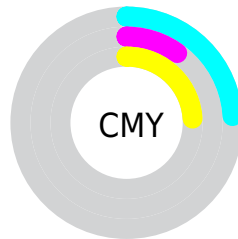
- Red (76%)
- Green (90%)
- Blue (76%)



- Red (76%)
- Yellow (90%)
- Blue (89%)



- Cyan (15%)
- Magenta (0%)
- Yellow (16%)
- Black (10%)



- Cyan (24%)
- Magenta (10%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.1506, 71.4910, 61.0809 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 60.1506, 71.4910, 61.0809 by changing the saturation by 10% instead.

60.1506, 71.4910,
61.0809

60.1506, 71.4910,
61.0809

414.9785,
465.7680, 446.4853

43.7900, 52.7430,
43.8595

104.1532,
121.3326, 107.9547

30.7026, 37.5976,
30.2237

132.5259,
153.1950, 138.4442

20.5232, 25.6706,
19.7549

165.6333,
190.1976, 174.1935

12.8864, 16.5773,
12.0347

203.8407,
232.7248, 215.6211

7.4268, 9.9336,
6.6445

247.5136,
281.1611, 263.1455

3.7791, 5.3550,
3.1657

297.0173,

1.5780, 2.4570,

335.8908, 317.1853

1.1799

352.7172,
397.2983, 378.1591

■ 0.3780, 0.8550,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.1506, 71.4910,
61.0809

■ 60.1506, 71.4910,
61.0809

■ 52.6020, 67.8743,
48.4091

■ 68.9081, 75.6893,
75.8772

■ 46.2039, 64.8050,
37.7598

■ 78.9184, 80.4838,
92.8842

■ 40.9014, 62.2592,
29.0300

■ 87.3107, 84.5215,
106.3202

■ 36.6329, 60.2076,
22.1053

■ 33.3310, 58.6181,
16.8596

■ 30.9199, 57.4547,
13.1504

■ 29.3126, 56.6762,
10.8115

■ 28.4046, 56.2332,
9.6384

■ 28.1826, 56.1249,
9.3478

Harmonies

Analogous

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



64.1577, 71.4910, 53.5867



60.1506, 71.4910, 61.0809



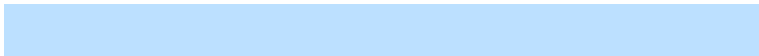
58.2552, 71.4910, 73.8349

Triad

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



60.1506, 71.4910, 61.0809



66.5362, 71.4910, 110.8471



77.9459, 71.4910, 67.2883

Complementary

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



60.1506, 71.4910, 61.0809



64.8943, 60.1300, 82.3185

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.



78.6650, 71.4910, 81.9906



60.1506, 71.4910, 61.0809



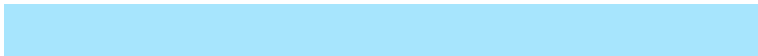
71.8890, 71.4910, 108.4926

Square

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



60.1506, 71.4910, 61.0809



61.8135, 71.4910, 103.4840



76.3962, 71.4910, 97.4179



74.4799, 71.4910, 56.8289

Rectangle

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



60.1506, 71.4910, 61.0809



58.3707, 71.4910, 84.1613



76.3962, 71.4910, 97.4179



78.5240, 71.4910, 71.8464

Sweetspot

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



60.1525, 71.4941, 61.0825



88.7723, 96.9931, 98.2441



69.3017, 75.2315, 61.3216



18.8191, 20.6734, 20.7201



0.0000, 0.0000, 0.0000



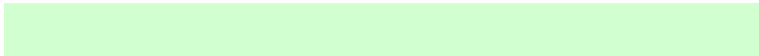
20.3446, 21.4041, 23.3091

Same Dimension

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



60.1525, 71.4941, 61.0825



73.3301, 89.5934, 72.1718



61.4731, 71.9630, 70.7146



14.2630, 16.1271, 15.2656



16.1441, 32.1041, 5.3458



1.2193, 2.3859, 0.3963

Inverse Universe

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



64.8943, 60.1300, 82.3185



80.5110, 72.3812, 104.3353



63.4467, 59.6242, 71.3844



14.9119, 14.5723, 18.1711



24.3600, 11.6240, 43.3429



1.8244, 0.8715, 3.2040

Previews

White Background



This preview shows how the XYZ color 60.1506, 71.4910, 61.0809 looks on a white background.

Color Contrast Check

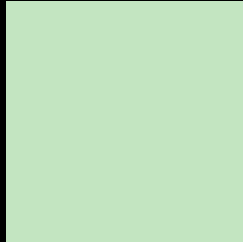
Large Text (above 18pt) WCAG AA × Fail

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 60.1506, 71.4910, 61.0809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

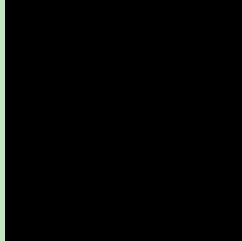
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.1506, 71.4910, 61.0809

Background



This preview shows how black text looks on a background with the XYZ color 60.1506, 71.4910, 61.0809.



This preview shows how white text looks on a background with the XYZ color 60.1506, 71.4910, 61.0809.

61.0809.

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

60.1506, 71.4910, 61.0809

Protanopia

67.3636, 71.2828, 57.7855

Deuteranopia

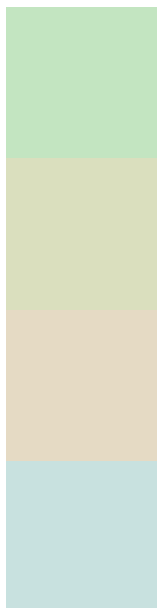
72.6884, 71.2579, 62.7464



Tritanopia

66.4781, 71.2303, 92.6831

Trichromacy



Original Color

60.1506, 71.4910, 61.0809

Protanomaly

64.5954, 71.3985, 59.0919

Deuteranomaly

67.3483, 70.7863, 62.3380

Tritanomaly

64.0639, 71.4575, 80.2282

Monochromacy



Original Color

60.1506, 71.4910, 61.0809

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

62.8681, 69.1013, 69.0559

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1506, 71.4910, 61.0809 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(195, 229, 193)` looks like.

```
.text, #text, p{  
    color:rgb(195, 229, 193)  
}
```

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(195, 229, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 229, 193) }
```

Border

The CSS property to change the border of an element to XYZ 60.1506, 71.4910, 61.0809 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(195, 229, 193) }
```


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

```
.border{ border-color:rgb(195, 229, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 229, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 229, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 229, 193); box-shadow:4px 4px 4px 4px rgb(195, 229, 193) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1506, 71.4910, 61.0809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 229, 193) }
```

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

```
.background{ background-color: rgb(195,  
229, 193) }
```

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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