

Converting Colors

XYZ(61.9611, 71.2475, 60.4236)

Have a look what the booklet for
XYZ(61.9611, 71.2475, 60.4236)
contains.

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Color

**XYZ(61.8876, 71.1776,
60.3460)**

Conversions

Conversions Part 1

Format	Color
Hex	CDE2C0
RGB	205, 226, 192
RGB Percent	80%, 89%, 75%
CMY	0.1961, 0.1137, 0.2471
CMYK	0.09, 0.00, 0.15, 0.11
HSL	97°, 37%, 82%
HSV	97°, 15%, 89%
XYZ	61.8876, 71.1776, 60.3460
YIQ	215.8450, -1.6020, -15.0260

Conversions

Conversions Part 2

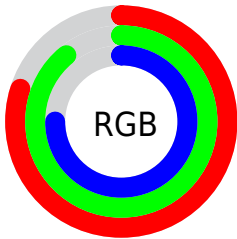
Format	Color
RYB	192, 226, 213
Decimal	13492928
CIELab	87.57, -13.06, 14.29
CIELCh	88, 19.356, 132.425
Yxy	71.1776, 0.3200, 0.3680
Android (android.graphics.Color)	4291683008 (0xFFCDE2C0)
YUV	215.8450, -11.7556, -9.5111
Hunter-Lab	84.3668, -16.7026, 16.6477

Details

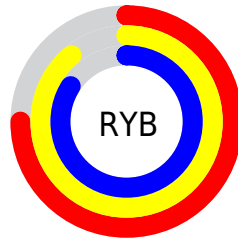
The XYZ color **61.8876, 71.1776, 60.3460** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **60.0205, 57.3384, 79.8592**, and the grayscale version is **65.2446, 68.6424, 74.7516**.

A 20% lighter version of the original color is **93.9433, 99.5573, 103.0721**, and **31.9129, 37.5401, 29.6087** is the 20% darker color. If you saturate the color by 10%, you get **55.8930, 68.3568, 47.9823**, and if you desaturate by 10%, it is **68.6143, 74.3355, 74.7542**.

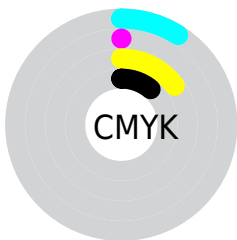
Distribution



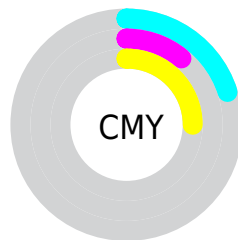
- Red (80%)
- Green (89%)
- Blue (75%)



- Red (75%)
- Yellow (89%)
- Blue (84%)



- Cyan (9%)
- Magenta (0%)
- Yellow (15%)
- Black (11%)



- Cyan (20%)
- Magenta (11%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.8876, 71.1776, 60.3460 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 61.8876, 71.1776, 60.3460 by changing the saturation by 10% instead.

61.8876, 71.1776,
60.3460

61.8876, 71.1776,
60.3460

421.2451,
464.6740, 443.7119

45.1971, 52.4871,
43.2705

106.6539,
120.8866, 106.8797

31.8147, 37.3935,
29.7644

135.4605,
152.6739, 137.1749

21.3748, 25.5123,
19.4093

169.0365,
189.5956, 172.7138

13.5123, 16.4592,
11.7866

207.7472,
232.0361, 213.9149

7.8617, 9.8496,
6.4778

251.9581,
280.3798, 261.1967

4.0576, 5.2994,
3.0643

302.0345,

1.7348, 2.4240,

335.0111, 314.9778

1.1275

358.3417,
396.3144, 375.6767

■ 0.4779, 0.8382,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.8876, 71.1776,
60.3460

■ 61.8876, 71.1776,
60.3460

■ 55.8930, 68.3568,
47.9823

■ 68.6143, 74.3355,
74.7542

■ 50.5983, 65.8524,
37.5658

■ 76.0923, 77.8324,
91.2889

■ 45.9773, 63.6550,
28.9986

■ 83.5642, 81.3684,
105.9091

■ 41.9997, 61.7514,
22.1722

■ 86.4878, 82.8755,
106.0459

■ 38.6326, 60.1274,
16.9666

■ 35.8399, 58.7671,
13.2469

■ 33.5804, 57.6529,
10.8564

■ 31.8057, 56.7639,
9.6028

■ 31.0724, 56.3930,
9.2473

Harmonies

Analogous

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



65.7764, 71.1776, 55.4020



61.8876, 71.1776, 60.3460



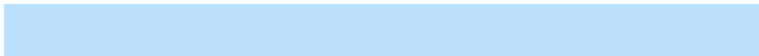
59.6051, 71.1776, 70.1368

Triad

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



61.8876, 71.1776, 60.3460



65.0297, 71.1776, 104.0940



76.6149, 71.1776, 72.2034

Complementary

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



61.8876, 71.1776, 60.3460



60.0205, 57.3384, 79.8592

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.



76.3927, 71.1776, 85.3620



61.8876, 71.1776, 60.3460



69.5632, 71.1776, 104.8092

Square

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



61.8876, 71.1776, 60.3460



61.3622, 71.1776, 95.7756



73.7640, 71.1776, 97.6316



74.3580, 71.1776, 61.7115

Rectangle

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



61.8876, 71.1776, 60.3460



59.2356, 71.1776, 78.5715



73.7640, 71.1776, 97.6316



76.8304, 71.1776, 76.4389

Sweetspot

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



61.8895, 71.1807, 60.3475



90.2262, 97.7426, 98.3122



64.6671, 67.5491, 59.5002



19.1713, 20.8550, 20.7366



0.0000, 0.0000, 0.0000



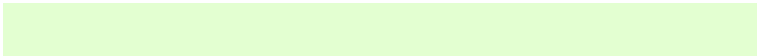
20.3446, 21.4041, 23.3091

Same Dimension

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



61.8895, 71.1807, 60.3475



78.8484, 92.4020, 74.0661



58.8967, 69.5864, 62.5333



14.0216, 15.5913, 14.5772



17.8484, 32.2337, 5.2810



1.3348, 2.2846, 0.3706

Inverse Universe

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



60.0205, 57.3384, 79.8592



75.9515, 70.9526, 104.2999



63.4056, 59.1456, 77.2085



13.7610, 13.6603, 17.2991



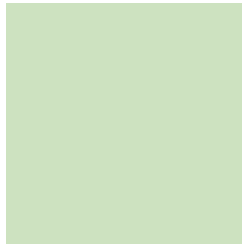
14.0996, 6.3639, 41.5336



1.0762, 0.4921, 2.8835

Previews

White Background



This preview shows how the XYZ color 61.8876, 71.1776, 60.3460 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 61.8876, 71.1776, 60.3460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

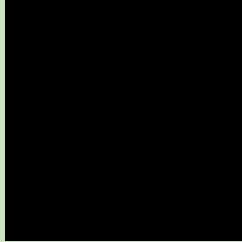
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

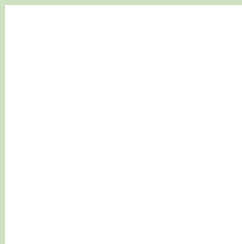
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.8876, 71.1776, 60.3460

Background



This preview shows how black text looks on a background with the XYZ color 61.8876, 71.1776, 60.3460.



This preview shows how white text looks on a background with the XYZ color 61.8876, 71.1776,

60.3460.

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

61.8876, 71.1776, 60.3460

Protanopia

67.0417, 71.1169, 57.7704

Deuteranopia

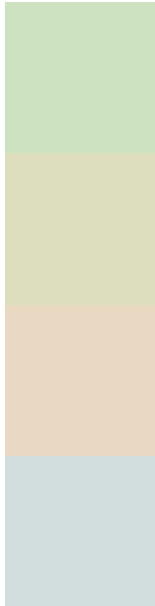
72.2115, 70.6684, 61.4642



Tritanopia

68.0306, 71.2979, 90.2970

Trichromacy



Original Color

61.8876, 71.1776, 60.3460

Protanomaly

65.1254, 71.2888, 58.4718

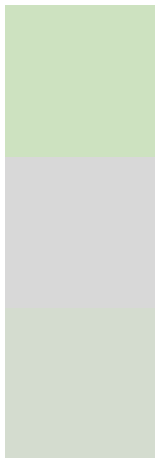
Deuteranomaly

67.8977, 70.3304, 61.0355

Tritanomaly

65.4669, 71.0183, 78.6640

Monochromacy



Original Color

61.8876, 71.1776, 60.3460

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

64.0071, 69.6884, 69.1092

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8876, 71.1776, 60.3460 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, 226, 192) looks like.

```
.text, #text, p{  
    color:rgb(205, 226, 192)  
}
```

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, 226, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 226, 192) }
```

Border

The CSS property to change the border of an element to XYZ 61.8876, 71.1776, 60.3460 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, 226, 192) }
```


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

```
.border{ border-color:rgb(205, 226, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 226, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 226, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 226, 192);  
box-shadow:4px 4px 4px 4px rgb(205, 226,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8876, 71.1776, 60.3460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 226, 192) }
```

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

```
.background{ background-color: rgb(205,  
226, 192) }
```

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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