

Converting Colors

XYZ(65.4934, 76.6207, 60.0675)

Have a look what the booklet for
XYZ(65.4934, 76.6207, 60.0675)
contains.

XYZ(65.5809, 76.8360, 60.0895)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(65.5809, 76.8360,
60.0895)**

Conversions

Conversions Part 1

Format	Color
Hex	D2EBBE
RGB	210, 235, 190
RGB Percent	82%, 92%, 75%
CMY	0.1765, 0.0784, 0.2549
CMYK	0.11, 0.00, 0.19, 0.08
HSL	93°, 53%, 83%
HSV	93°, 19%, 92%
XYZ	65.5809, 76.8360, 60.0895
YIQ	222.3950, -0.4550, -19.2950

Conversions

Conversions Part 2

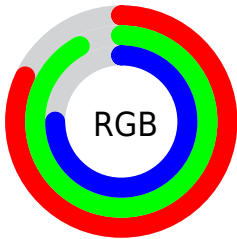
Format	Color
R _{YB}	190, 235, 215
Decimal	13822910
CIE Lab	90.25, -16.13, 19.13
CIE LCh	90, 25.027, 130.138
Yxy	76.8360, 0.3238, 0.3794
Android (android.graphics.Color)	4292012990 (0xFFD2EBBE)
YUV	222.3950, -15.9707, -10.8704
Hunter-Lab	87.6561, -19.8515, 20.7152

Details

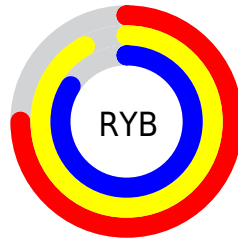
The XYZ color **65.5809, 76.8360, 60.0895** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **61.4363, 57.2743, 86.4184**, and the grayscale version is **69.8218, 73.4580, 79.9958**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **34.0816, 40.9863, 29.4074** is the 20% darker color. If you saturate the color by 10%, you get **59.6501, 74.0541, 47.4680**, and if you desaturate by 10%, it is **72.2333, 79.9466, 74.9098**.

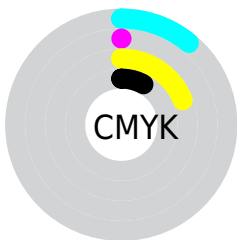
Distribution



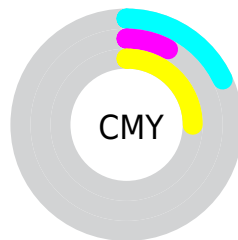
- Red (82%)
- Green (92%)
- Blue (75%)



- Red (75%)
- Yellow (92%)
- Blue (84%)



- Cyan (11%)
- Magenta (0%)
- Yellow (19%)
- Black (8%)



- Cyan (18%)
- Magenta (8%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.5809, 76.8360, 60.0895 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 65.5809, 76.8360, 60.0895 by changing the saturation by 10% instead.

65.5809, 76.8360,
60.0895

65.5809, 76.8360,
60.0895

434.3888,
484.2047, 442.7414

48.1987, 57.1183,
43.0650

111.9457,
128.9080, 106.5041

34.1962, 41.1002,
29.6043

141.6590,
162.0310, 136.7314

23.2080, 28.3974,
19.2890

176.2133,
200.3912, 172.1966

14.8687, 18.6254,
11.7003

215.9741,
244.3731, 213.3183

8.8130, 11.3999,
6.4199

261.3067,
294.3610, 260.5151

4.6755, 6.3365,
3.0292

312.5765,


2.0910, 3.0508,


350.7393, 314.2055


1.1096


370.1487,
413.8924, 374.8081

 0.6843, 1.1583,
0.0000


 0.0000, 0.0272,
0.0000

 65.5809, 76.8360,
60.0895

 65.5809, 76.8360,
60.0895


 59.6501, 74.0541,
47.4680


 72.2333, 79.9466,
74.9098


 54.4078, 71.5793,
36.9355

 79.6268, 83.3870,
92.0216

 49.8272, 69.4025,
28.3806

 86.8883, 86.8112,
106.7845

 45.8769, 67.5103,
21.6791

 88.9999, 87.8998,
106.8833

■ 42.5228, 65.8881,
16.6931

■ 39.7265, 64.5195,
13.2653

■ 37.4438, 63.3858,
11.2093

■ 35.6105, 62.4604,
10.2366

■ 35.4692, 62.3888,
10.1728

Harmonies

Analogous

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



70.9431, 76.8360, 54.2429



65.5809, 76.8360, 60.0895



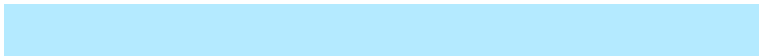
62.3384, 76.8360, 72.5434

Triad

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



65.5809, 76.8360, 60.0895



69.0374, 76.8360, 120.2328



85.4618, 76.8360, 77.7699

Complementary

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



65.5809, 76.8360, 60.0895



61.4363, 57.2743, 86.4184

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.



84.8798, 76.8360, 95.8609



65.5809, 76.8360, 60.0895



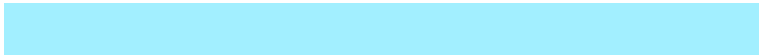
75.1580, 76.8360, 122.1590

Square

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



65.5809, 76.8360, 60.0895



64.2540, 76.8360, 107.7693



81.0235, 76.8360, 112.7092



82.5714, 76.8360, 63.4468

Rectangle

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



65.5809, 76.8360, 60.0895



61.6997, 76.8360, 83.7437



81.0235, 76.8360, 112.7092



85.6695, 76.8360, 83.5790

Sweetspot

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



65.5829, 76.8393, 60.0912



89.6250, 97.4767, 96.2957



67.7950, 69.8565, 58.6268



19.0613, 20.8071, 20.3308



0.0000, 0.0000, 0.0000



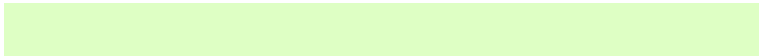
20.3446, 21.4041, 23.3091

Same Dimension

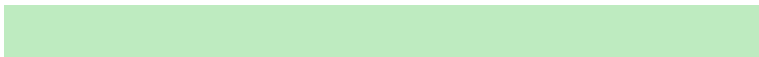
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.5829, 76.8393, 60.0912



76.0146, 91.1164, 66.0145



60.4880, 74.1841, 61.1466



15.5037, 17.1897, 16.0195



19.8809, 34.7935, 5.6680



1.6702, 2.7883, 0.4502

Inverse Universe

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



61.4363, 57.2743, 86.4184



70.1619, 63.5056, 103.1676



67.3496, 60.3600, 85.0086



15.0316, 14.9616, 19.0179



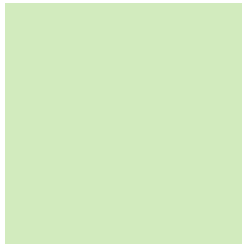
13.6671, 6.0816, 44.1965



1.1836, 0.5345, 3.4757

Previews

White Background



This preview shows how the XYZ color 65.5809, 76.8360, 60.0895 looks on a white background.

Color Contrast Check

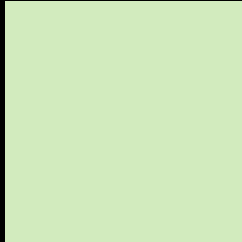
Large Text (above 18pt) WCAG AA × Fail

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 65.5809, 76.8360, 60.0895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

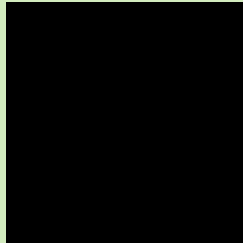
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

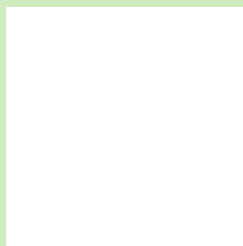
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.5809, 76.8360, 60.0895

Background



This preview shows how black text looks on a background with the XYZ color 65.5809, 76.8360, 60.0895.

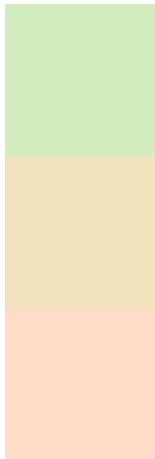


This preview shows how white text looks on a background with the XYZ color 65.5809, 76.8360,

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

65.5809, 76.8360, 60.0895

Protanopia

71.9945, 76.4631, 57.4187

Deuteranopia

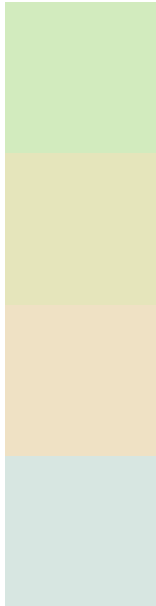
77.2585, 76.6165, 65.3601



Tritanopia

72.8640, 76.4362, 97.2995

Trichromacy



Original Color

65.5809, 76.8360, 60.0895

Protanomaly

69.3021, 76.2845, 58.0855

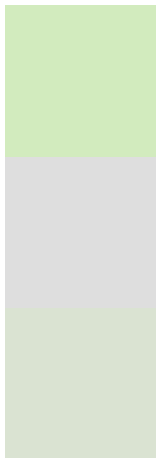
Deuteranomaly

72.4856, 76.1867, 63.1096

Tritanomaly

69.9118, 76.4769, 82.3109

Monochromacy



Original Color

65.5809, 76.8360, 60.0895

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

68.0154, 74.4967, 71.7673

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.5809, 76.8360, 60.0895 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(210, 235, 190)` looks like.

```
.text, #text, p{  
    color:rgb(210, 235, 190)  
}
```

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(210, 235, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 235, 190) }
```

Border

The CSS property to change the border of an element to XYZ 65.5809, 76.8360, 60.0895 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(210, 235, 190) }
```


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

```
.border{ border-color:rgb(210, 235, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 235, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 235, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 235, 190);  
box-shadow:4px 4px 4px 4px rgb(210, 235,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 65.5809, 76.8360, 60.0895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 235, 190) }
```

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

```
.background{ background-color: rgb(210,  
235, 190) }
```

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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