

Converting Colors

XYZ(65.3428, 76.7452, 58.9490)

Have a look what the booklet for
XYZ(65.3428, 76.7452, 58.9490)
contains.

XYZ(65.3638, 76.7491, 58.9460)	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(65.3638, 76.7491,
58.9460)**

Conversions

Conversions Part 1

Format	Color
Hex	D2EBBC
RGB	210, 235, 188
RGB Percent	82%, 92%, 74%
CMY	0.1765, 0.0784, 0.2627
CMYK	0.11, 0.00, 0.20, 0.08
HSL	92°, 54%, 83%
HSV	92°, 20%, 92%
XYZ	65.3638, 76.7491, 58.9460
YIQ	222.1670, 0.1870, -19.9170

Conversions

Conversions Part 2

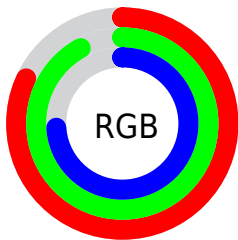
Format	Color
R _Y B	188, 235, 213
Decimal	13822908
CIE Lab	90.21, -16.45, 20.11
CIE LCh	90, 25.981, 129.279
Yxy	76.7491, 0.3251, 0.3817
Android (android.graphics.Color)	4292012988 (0xFFD2EBBC)
YUV	222.1670, -16.8443, -10.6705
Hunter-Lab	87.6066, -20.1315, 21.4314

Details

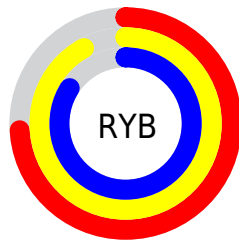
The XYZ color **65.3638, 76.7491, 58.9460** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **60.4222, 56.1128, 86.2475**, and the grayscale version is **69.6661, 73.2942, 79.8174**.

A 20% lighter version of the original color is **93.3291, 99.3117, 99.8380**, and **34.0108, 40.9580, 29.0348** is the 20% darker color. If you saturate the color by 10%, you get **59.6131, 74.0561, 46.5122**, and if you desaturate by 10%, it is **71.8092, 79.7572, 73.5688**.

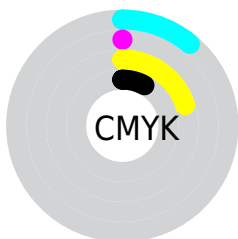
Distribution



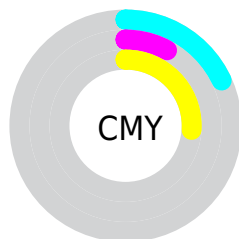
- Red (82%)
- Green (92%)
- Blue (74%)



- Red (74%)
- Yellow (92%)
- Blue (84%)



- Cyan (11%)
- Magenta (0%)
- Yellow (20%)
- Black (8%)





- Cyan (18%)
- Magenta (8%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.3638, 76.7491, 58.9460 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 65.3638, 76.7491, 58.9460 by changing the saturation by 10% instead.


 65.3638, 76.7491,
58.9460

 65.3638, 76.7491,
58.9460


433.6227,
483.9082, 438.3981

 48.0219, 57.0470,
42.1499


 111.6355,
128.7852, 104.8275

 34.0556, 41.0430,
28.8923


141.2961,
161.8881, 134.7501

 23.0994, 28.3527,
18.7545


175.7936,
200.2266, 169.8852

 14.7880, 18.5917,
11.3180

215.4934,
244.1851, 210.6514

 8.7561, 11.3756,
6.1643

260.7609,
294.1482, 257.4672

 4.6383, 6.3201,
2.8748

311.9613,

 2.0692, 3.0407,

350.5001, 310.7513

1.0311

369.4602,
413.6253, 370.9220

0.6724, 1.1530,
0.0000

0.0000, 0.0228,
0.0000

65.3638, 76.7491,
58.9460

65.3638, 76.7491,
58.9460

59.6131, 74.0561,
46.5122

71.8092, 79.7572,
73.5688

54.5248, 71.6569,
36.1571

78.9680, 83.0809,
90.4738

50.0727, 69.5428,
27.7683

86.2962, 86.5059,
106.7568

46.2264, 67.7009,
21.2209

88.9998, 87.8997,
106.8833

■ 42.9525, 66.1170,
16.3754

■ 40.2133, 64.7752,
13.0726

■ 37.9652, 63.6571,
11.1231

■ 36.1390, 62.7341,
10.2042

Harmonies

Analogous

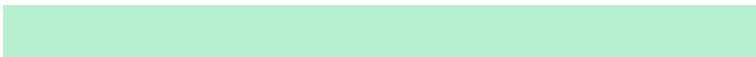
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.9634, 76.7491, 53.1481



65.3638, 76.7491, 58.9460



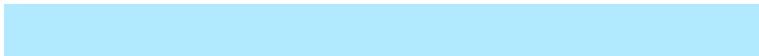
61.9368, 76.7491, 71.6024

Triad

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



65.3638, 76.7491, 58.9460



68.6409, 76.7491, 121.4462



85.9047, 76.7491, 77.9617

Complementary

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



65.3638, 76.7491, 58.9460



60.4222, 56.1128, 86.2475

Split Complementary

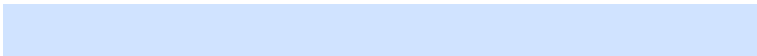
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.1919, 76.7491, 96.7947



65.3638, 76.7491, 58.9460



74.9687, 76.7491, 123.8166

Square

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



65.3638, 76.7491, 58.9460



63.7498, 76.7491, 108.1693



81.0967, 76.7491, 114.2355



82.9904, 76.7491, 63.0098

Rectangle

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



65.3638, 76.7491, 58.9460



61.2201, 76.7491, 83.1197



81.0967, 76.7491, 114.2355



86.0849, 76.7491, 84.0154

Sweetspot

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



65.3658, 76.7524, 58.9477



89.7524, 97.5423, 96.3017



66.9553, 68.5246, 57.2758



19.0914, 20.8226, 20.3322



0.0000, 0.0000, 0.0000



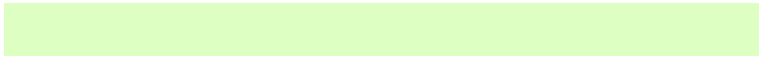
20.3446, 21.4041, 23.3091

Same Dimension

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



65.3658, 76.7524, 58.9477



75.7354, 91.0058, 64.4954



59.6114, 73.7761, 59.1205



15.5386, 17.2077, 16.0212



20.2566, 34.9871, 5.6856



1.7008, 2.8041, 0.4516

Inverse Universe

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



60.4222, 56.1128, 86.2475



68.7732, 61.9410, 102.9388



67.1296, 59.5837, 85.9718



14.9963, 14.9434, 19.0162



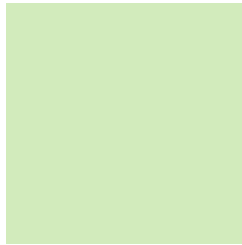
13.2025, 5.8420, 44.1747



1.1476, 0.5159, 3.4740

Previews

White Background



This preview shows how the XYZ color 65.3638, 76.7491, 58.9460 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 65.3638, 76.7491, 58.9460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

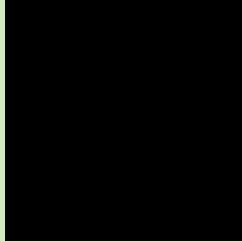
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

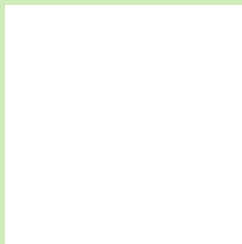
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.3638, 76.7491, 58.9460

Background



This preview shows how black text looks on a background with the XYZ color 65.3638, 76.7491, 58.9460.

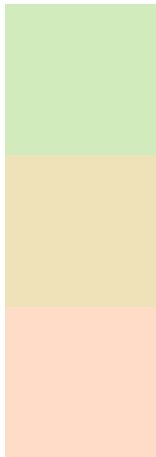


This preview shows how white text looks on a background with the XYZ color 65.3638, 76.7491,

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

65.3638, 76.7491, 58.9460

Protanopia

71.7833, 76.3787, 56.3066

Deuteranopia

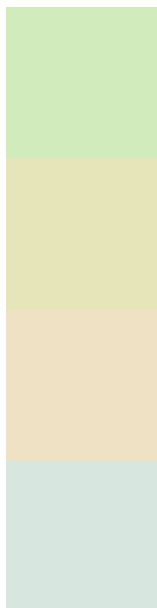
77.1420, 76.5699, 64.7465



Tritanopia

73.1639, 76.5908, 97.3136

Trichromacy



Original Color

65.3638, 76.7491, 58.9460

Protanomaly

69.0894, 76.1994, 56.9655

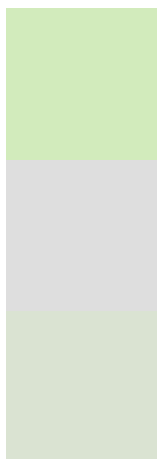
Deuteranomaly

72.3721, 76.1413, 62.5121

Tritanomaly

70.0703, 76.5744, 81.6082

Monochromacy



Original Color

65.3638, 76.7491, 58.9460

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 65.3638, 76.7491, 58.9460 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, 188)` looks like.

```
.text, #text, p{  
    color:rgb(210, 235, 188)  
}
```

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, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 235, 188) }
```

Border

The CSS property to change the border of an element to XYZ 65.3638, 76.7491, 58.9460 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, 188) }
```


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

```
.border{ border-color:rgb(210, 235, 188) }
```

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, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 235, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 235, 188); box-shadow:4px 4px 4px 4px rgb(210, 235, 188) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3638, 76.7491, 58.9460 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, 188) }
```

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

```
.background{ background-color: rgb(210,  
235, 188) }
```

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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