

Converting Colors

XYZ(60.1835, 74.9207, 51.8841)

Have a look what the booklet for
XYZ(60.1835, 74.9207, 51.8841)
contains.

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Color

**XYZ(60.2702, 75.1329,
51.8830)**

Conversions

Conversions Part 1

Format	Color
Hex	C2EDAF
RGB	194, 237, 175
RGB Percent	76%, 93%, 69%
CMY	0.2392, 0.0706, 0.3137
CMYK	0.18, 0.00, 0.26, 0.07
HSL	102°, 63%, 81%
HSV	102°, 26%, 93%
XYZ	60.2702, 75.1329, 51.8830
YIQ	217.0750, -5.7260, -28.3980

Conversions

Conversions Part 2

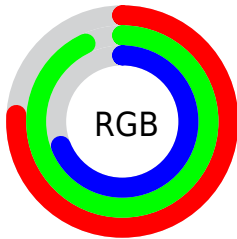
Format	Color
RYB	175, 237, 218
Decimal	12774831
CIELab	89.46, -24.99, 25.61
CIELCh	89, 35.778, 134.300
Yxy	75.1329, 0.3218, 0.4012
Android (android.graphics.Color)	4290964911 (0xFFC2EDAF)
YUV	217.0750, -20.7430, -20.2368
Hunter-Lab	86.6792, -27.5732, 25.1867

Details

The XYZ color **60.2702, 75.1329, 51.8830** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **59.5327, 51.6820, 86.9628**, and the grayscale version is **66.1470, 69.5918, 75.7855**.

A 20% lighter version of the original color is **89.9675, 97.7988, 89.7366**, and **30.8519, 40.0283, 24.5125** is the 20% darker color. If you saturate the color by 10%, you get **54.1560, 72.2289, 40.4940**, and if you desaturate by 10%, it is **67.2636, 78.4474, 65.4488**.

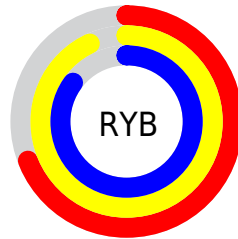
Distribution



Red (76%)

Green (93%)

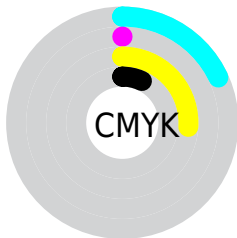
Blue (69%)



Red (69%)

Yellow (93%)

Blue (85%)

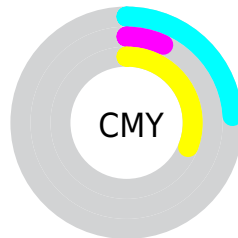


Cyan (18%)

Magenta (0%)

Yellow (26%)

Black (7%)



Cyan (24%)


Magenta (7%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.2702, 75.1329, 51.8830 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 60.2702, 75.1329, 51.8830 by changing the saturation by 10% instead.


 60.2702, 75.1329,
51.8830

 60.2702, 75.1329,
51.8830

415.4118,
478.3742, 410.9288

 43.8868, 55.7218,
36.5302


 104.3256,
126.5005, 94.3835

 30.7790, 39.9799,
24.5510


132.7284,
159.2257, 122.3683

 20.5816, 27.5229,
15.5269


165.8682,
197.1578, 155.4008

 12.9292, 17.9663,
9.0393

204.1105,
240.6810, 193.8997

 7.4565, 10.9258,
4.6697

247.8207,
290.1799, 238.2834

 3.7981, 6.0170,
1.9995


297.3641,

 1.5885, 2.8554,


346.0388, 288.9704


0.5549


353.1060,
408.6421, 346.3794


 0.3849, 1.0567,
0.0000


 0.0000, 0.0000,
0.0000


 60.2702, 75.1329,
51.8830


 60.2702, 75.1329,
51.8830

 54.1560, 72.2289,
40.4940


 67.2636, 78.4474,
65.4488

 48.8788, 69.7095,
31.1638

 75.1646, 82.1780,
81.2913

 44.4011, 67.5601,
23.7705

 84.0075, 86.3426,
99.5105

 40.6804, 65.7620,
18.1775

 89.5757, 89.0515,
107.0752

■ 37.6696, 64.2941,
14.2304

■ 35.3153, 63.1329,
11.7487

■ 33.5544, 62.2508,
10.5084

■ 33.0048, 61.9732,
10.2225

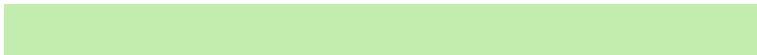
Harmonies

Analogous

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



67.3271, 75.1329, 43.3664



60.2702, 75.1329, 51.8830



56.3772, 75.1329, 69.4221

Triad

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



60.2702, 75.1329, 51.8830



66.9450, 75.1329, 137.6610



89.0295, 75.1329, 70.4493

Complementary

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



60.2702, 75.1329, 51.8830



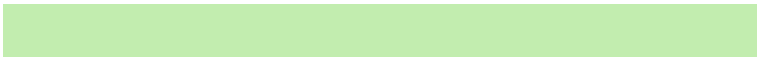
59.5327, 51.6820, 86.9628

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.



88.9060, 75.1329, 95.5835



60.2702, 75.1329, 51.8830



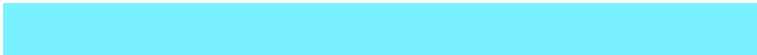
75.6580, 75.1329, 138.0937

Square

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



60.2702, 75.1329, 51.8830



60.0102, 75.1329, 120.3827



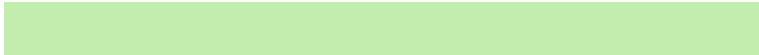
83.8477, 75.1329, 121.4660



84.1726, 75.1329, 52.5017

Rectangle

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



60.2702, 75.1329, 51.8830



55.8818, 75.1329, 85.4812



83.8477, 75.1329, 121.4660



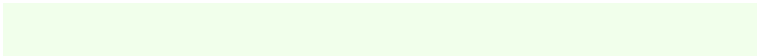
89.5809, 75.1329, 78.2395

Sweetspot

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



60.2722, 75.1361, 51.8846



86.9224, 96.1696, 92.2759



67.5735, 70.9179, 50.6856



18.2950, 20.4380, 19.1250



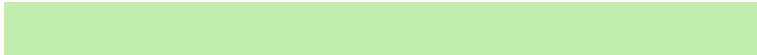
0.0000, 0.0000, 0.0000



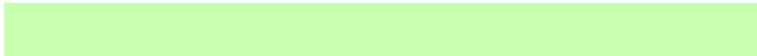
20.3446, 21.4041, 23.3091

Same Dimension

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



60.2722, 75.1361, 51.8846



67.4569, 86.9557, 54.2771



56.8677, 73.2466, 57.8013



15.3024, 17.0859, 16.0101



18.1358, 33.8938, 5.5863



1.5190, 2.7104, 0.4431

Inverse Universe

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



59.5327, 51.6820, 86.9628



66.4489, 55.2031, 101.7608



63.9351, 54.1374, 78.7712



15.2396, 15.0688, 19.0276



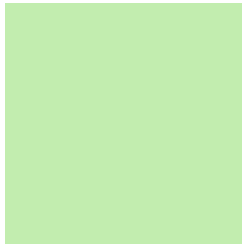
16.8871, 7.7415, 44.3472



1.4234, 0.6581, 3.4869

Previews

White Background



This preview shows how the XYZ color 60.2702, 75.1329, 51.8830 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 60.2702, 75.1329, 51.8830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

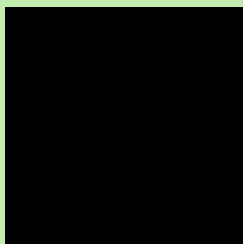
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

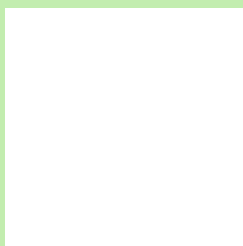
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.2702, 75.1329, 51.8830

Background



This preview shows how black text looks on a background with the XYZ color 60.2702, 75.1329, 51.8830.

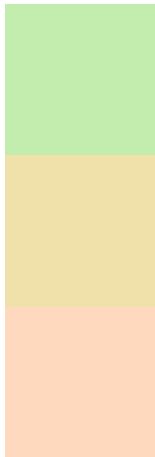


This preview shows how white text looks on a background with the XYZ color 60.2702, 75.1329,

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

60.2702, 75.1329, 51.8830

Protanopia

69.7523, 74.7011, 48.2785

Deuteranopia

75.2382, 74.5598, 58.5701



Tritanopia

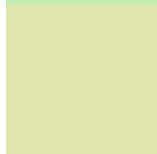
69.5548, 75.1198, 98.0224

Trichromacy



Original Color

60.2702, 75.1329, 51.8830



Protanomaly

65.8014, 74.6669, 49.4721



Deuteranomaly

68.9117, 74.0956, 56.0173



Tritanomaly

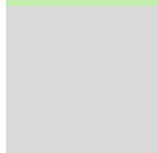
65.5816, 74.7366, 78.6792

Monochromacy



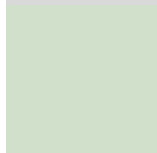
Original Color

60.2702, 75.1329, 51.8830



Achromatopsia

65.9525, 69.3872, 75.5626



Achromatomaly

63.6108, 71.1309, 66.2541

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2702, 75.1329, 51.8830 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(194, 237, 175)` looks like.

```
.text, #text, p{  
    color:rgb(194, 237, 175)  
}
```

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(194, 237, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 237, 175) }
```

Border

The CSS property to change the border of an element to XYZ 60.2702, 75.1329, 51.8830 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(194, 237, 175) }
```


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

```
.border{ border-color:rgb(194, 237, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 237, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 237, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 237, 175);  
box-shadow:4px 4px 4px 4px rgb(194, 237,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2702, 75.1329, 51.8830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 237, 175) }
```

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

```
.background{ background-color: rgb(194,  
237, 175) }
```

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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