

Converting Colors

XYZ(60.6863, 75.6191, 49.6690)

Have a look what the booklet for
XYZ(60.6863, 75.6191, 49.6690)
contains.

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Color

**XYZ(60.8562, 75.9217,
49.4771)**

Conversions

Conversions Part 1

Format	Color
Hex	C5EEAA
RGB	197, 238, 170
RGB Percent	77%, 93%, 67%
CMY	0.2274, 0.0666, 0.3333
CMYK	0.17, 0.00, 0.29, 0.07
HSL	96°, 67%, 80%
HSV	96°, 29%, 93%
XYZ	60.8562, 75.9217, 49.4771
YIQ	217.9890, -2.6080, -29.8400

Conversions

Conversions Part 2

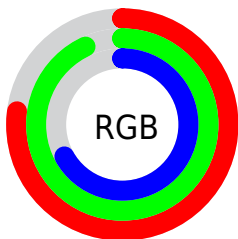
Format	Color
RYB	170, 238, 211
Decimal	12971690
CIELab	89.82, -25.18, 28.69
CIELCh	90, 38.178, 131.275
Yxy	75.9217, 0.3267, 0.4076
Android (android.graphics.Color)	4291161770 (0xFFC5EEAA)
YUV	217.9890, -23.6586, -18.4074
Hunter-Lab	87.1331, -27.8134, 27.3263

Details

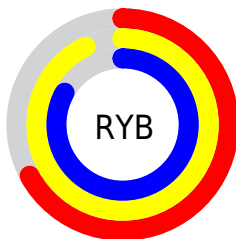
The XYZ color **60.8562, 75.9217, 49.4771** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **56.6745, 48.7736, 87.3202**, and the grayscale version is **66.7940, 70.2725, 76.5267**.

A 20% lighter version of the original color is **90.3605, 98.0818, 86.1207**, and **31.0942, 40.4910, 23.0063** is the 20% darker color. If you saturate the color by 10%, you get **55.2253, 73.2582, 38.5060**, and if you desaturate by 10%, it is **67.2565, 78.9393, 62.6149**.

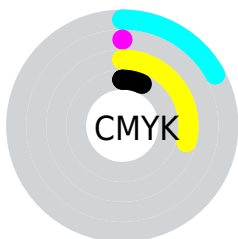
Distribution



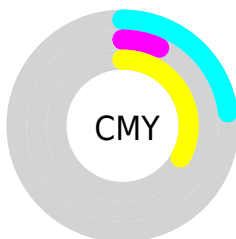
- Red (77%)
- Green (93%)
- Blue (67%)



- Red (67%)
- Yellow (93%)
- Blue (83%)



- Cyan (17%)
- Magenta (0%)
- Yellow (29%)
- Black (7%)





- Cyan (23%)
- Magenta (7%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.8562, 75.9217, 49.4771 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 60.8562, 75.9217, 49.4771 by changing the saturation by 10% instead.


 60.8562, 75.9217,
49.4771

 60.8562, 75.9217,
49.4771


417.5309,
481.0796, 401.2939

 44.3612, 56.3683,
34.6298


 105.1700,
127.6162, 90.7880

 31.1537, 40.4983,
23.0966


133.7195,
160.5261, 118.0886

 20.8683, 27.9273,
14.4589


167.0179,
198.6570, 150.3775

 13.1397, 18.2708,
8.2981

205.4306,
242.3932, 188.0731

 7.6025, 11.1446,
4.1958

249.3229,
292.1192, 231.5940

 3.8913, 6.1642,
1.7334


299.0601,

 1.6408, 2.9452,


348.2193, 281.3587


0.3834


355.0077,
411.0780, 337.7859


 0.4188, 1.1032,
0.0000

 0.0000, 0.0000,
0.0000


 60.8562, 75.9217,
49.4771


 60.8562, 75.9217,
49.4771

 55.2253, 73.2582,
38.5060


 67.2565, 78.9393,
62.6149

 50.3259, 70.9249,
29.5804

 74.4502, 82.3142,
78.0221

 46.1255, 68.9102,
22.5745

 82.4674, 86.0621,
95.8009

 42.5864, 67.1978,
17.3467

 89.6479, 89.5197,
107.1618

■ 39.6668, 65.7696,
13.7361

■ 89.8661, 89.6322,
107.1720

■ 37.3183, 64.6048,
11.5521

■ 35.4758, 63.6759,
10.5185

■ 35.2429, 63.5580,
10.4104

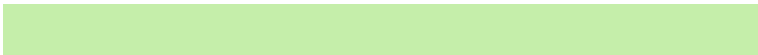
Harmonies

Analogous

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



68.6763, 75.9217, 41.5034



60.8562, 75.9217, 49.4771



56.3252, 75.9217, 67.1006

Triad

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



60.8562, 75.9217, 49.4771



66.4993, 75.9217, 142.1949



91.4297, 75.9217, 72.9295

Complementary

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



60.8562, 75.9217, 49.4771



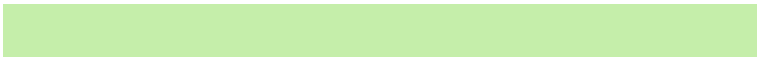
56.6745, 48.7736, 87.3202

Split Complementary

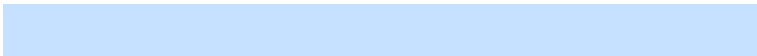
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.7180, 75.9217, 100.4693



60.8562, 75.9217, 49.4771



75.7622, 75.9217, 144.7152

Square

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



60.8562, 75.9217, 49.4771



59.3821, 75.9217, 121.8407



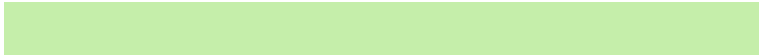
84.7863, 75.9217, 128.1211



86.6537, 75.9217, 52.9414

Rectangle

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



60.8562, 75.9217, 49.4771



55.5198, 75.9217, 83.8256



84.7863, 75.9217, 128.1211



91.8345, 75.9217, 81.5168

Sweetspot

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



60.8582, 75.9250, 49.4788



86.6634, 96.0783, 90.3585



65.7633, 67.5717, 47.6079



18.2752, 20.4362, 18.7447



0.0000, 0.0000, 0.0000



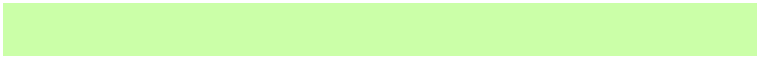
20.3446, 21.4041, 23.3091

Same Dimension

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



60.8582, 75.9250, 49.4788



67.4087, 87.0158, 50.4354



55.0703, 72.8650, 52.6537



16.1597, 17.9625, 16.7651



19.7970, 35.5273, 5.8140



1.7559, 3.0117, 0.4888

Inverse Universe

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



56.6745, 48.7736, 87.3202



61.7987, 50.6422, 101.1255



64.0896, 52.7095, 82.5493



15.8117, 15.7002, 19.9187



15.1287, 6.8045, 45.6439



1.3703, 0.6237, 3.8024

Previews

White Background



This preview shows how the XYZ color 60.8562, 75.9217, 49.4771 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 60.8562, 75.9217, 49.4771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

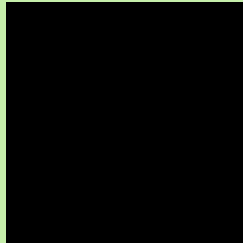
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

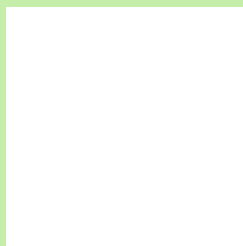
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.8562, 75.9217, 49.4771

Background



This preview shows how black text looks on a background with the XYZ color 60.8562, 75.9217, 49.4771.

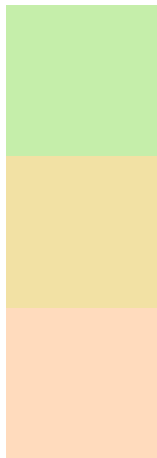


This preview shows how white text looks on a background with the XYZ color 60.8562, 75.9217,

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

60.8562, 75.9217, 49.4771

Protanopia

70.2440, 75.4080, 45.9749

Deuteranopia

75.7568, 75.5972, 58.7430



Tritanopia

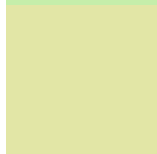
70.6725, 75.6959, 98.0747

Trichromacy



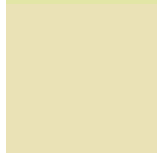
Original Color

60.8562, 75.9217, 49.4771



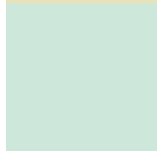
Protanomaly

66.5438, 75.5156, 47.1451



Deuteranomaly

69.5715, 75.2625, 55.1163



Tritanomaly

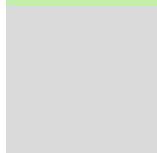
66.6883, 75.7543, 77.4369

Monochromacy



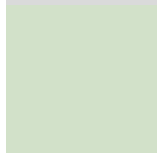
Original Color

60.8562, 75.9217, 49.4771



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

64.0462, 71.7691, 65.7356

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8562, 75.9217, 49.4771 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(197, 238, 170)` looks like.

```
.text, #text, p{  
    color:rgb(197, 238, 170)  
}
```

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(197, 238, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 238, 170) }
```

Border

The CSS property to change the border of an element to XYZ 60.8562, 75.9217, 49.4771 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(197, 238, 170) }
```


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

```
.border{ border-color:rgb(197, 238, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 238, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 238, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 238, 170);  
box-shadow:4px 4px 4px 4px rgb(197, 238,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8562, 75.9217, 49.4771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 238, 170) }
```

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

```
.background{ background-color: rgb(197,  
238, 170) }
```

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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