

# Converting Colors

XYZ(60.5197, 76.5786, 71.2659)

Have a look what the booklet for  
XYZ(60.5197, 76.5786, 71.2659)  
contains.

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# Color

**XYZ(60.5197, 76.5786,  
71.2659)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AFF1D0
RGB	175, 241, 208
RGB Percent	69%, 95%, 82%
CMY	0.3137, 0.0549, 0.1843
CMYK	0.27, 0.00, 0.14, 0.05
HSL	150°, 70%, 82%
HSV	150°, 27%, 95%
XYZ	60.5197, 76.5786, 71.2659
YIQ	217.5040, -28.7430, -24.2550

# Conversions

## Conversions Part 2

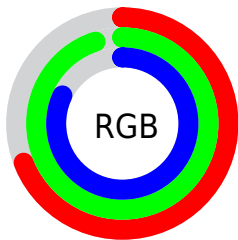
<b>Format</b>	<b>Color</b>
<b>RYB</b>	175, 219, 241
Decimal	11530704
CIELab	90.13, -27.29, 9.33
CIElCh	90, 28.843, 161.127
Yxy	76.5786, 0.2905, 0.3675
Android (android.graphics.Color)	4289720784 (0xFFAFF1D0)
YUV	217.5040, -4.6855, -37.2760
Hunter-Lab	87.5092, -29.6939, 12.9717

# Details

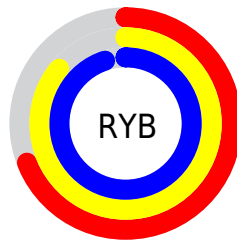
The XYZ color **60.5197, 76.5786, 71.2659** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **62.9935, 53.9168, 66.7647**, and the grayscale version is **66.3463, 69.8014, 76.0138**.

A 20% lighter version of the original color is **87.0887, 95.8958, 108.5274**, and **31.0669, 41.0960, 36.8668** is the 20% darker color. If you saturate the color by 10%, you get **54.1592, 73.4666, 63.5213**, and if you desaturate by 10%, it is **67.9624, 80.2397, 79.6525**.

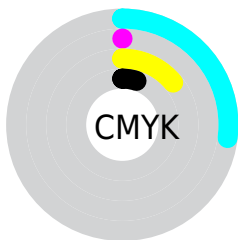
# Distribution



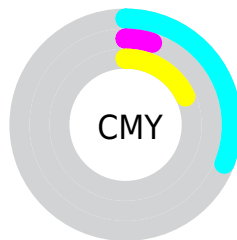
- Red (69%)
- Green (95%)
- Blue (82%)



- Red (69%)
- Yellow (86%)
- Blue (95%)



- Cyan (27%)
- Magenta (0%)
- Yellow (14%)
- Black (5%)




- Cyan (31%)
- Magenta (5%)
- Yellow (18%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 60.5197, 76.5786, 71.2659 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 60.5197, 76.5786, 71.2659 by changing the saturation by 10% instead.




 60.5197, 76.5786,  
71.2659

 60.5197, 76.5786,  
71.2659


416.3148,  
483.3261, 483.8911

 44.0887, 56.9071,  
52.0761

 104.6853,  
128.5445, 122.7102

 30.9385, 40.9306,  
36.6830


133.1505,  
161.6076, 155.8018

 20.7036, 28.2649,  
24.6683


166.3580,  
199.9034, 194.3644

 13.0187, 18.5254,  
15.6133

204.6729,  
243.8162, 238.8165

 7.5185, 11.3279,  
9.0996

248.4607,  
293.7305, 289.5767

 3.8376, 6.2878,  
4.7085


298.0867,


 1.6107, 3.0209,


350.0307, 347.0635

2.0215


353.9163,  
413.1010, 411.6955


 0.3994, 1.1426,  
0.5685


 0.0000, 0.0141,  
0.0000


 60.5197, 76.5786,  
71.2659


 60.5197, 76.5786,  
71.2659

 54.1592, 73.4666,  
63.5213

 67.9624, 80.2397,  
79.6525

 48.8208, 70.8667,  
56.3980

 76.5310, 84.4658,  
88.6910

 44.4479, 68.7521,  
49.8817

 86.2743, 89.2839,  
98.3973

 40.9755, 67.0896,  
43.9553

 90.7467, 91.3934,  
107.4656

■ 38.3303, 65.8417,  
38.6008

■ 36.4263, 64.9644,  
33.7992

■ 35.1513, 64.4003,  
29.5294

■ 34.8771, 64.2815,  
28.4970

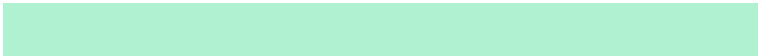
# Harmonies

## Analogous

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



64.1004, 76.5786, 57.0671



60.5197, 76.5786, 71.2659



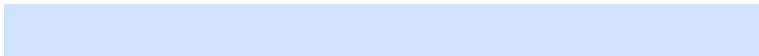
60.0951, 76.5786, 91.2245

# Triad

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



60.5197, 76.5786, 71.2659



75.4752, 76.5786, 128.3627



83.6567, 76.5786, 60.0424

# Complementary

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



60.5197, 76.5786, 71.2659



62.9935, 53.9168, 66.7647

# 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.



87.1478, 76.5786, 76.0006



60.5197, 76.5786, 71.2659



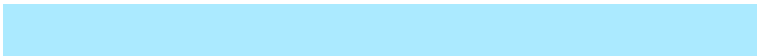
82.2220, 76.5786, 116.7482

# Square

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



60.5197, 76.5786, 71.2659



68.4224, 76.5786, 126.5335



86.6062, 76.5786, 96.7969

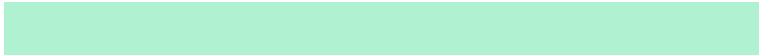


77.3306, 76.5786, 51.3589

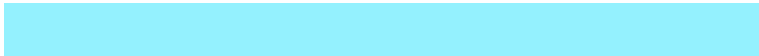


# Rectangle

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



60.5197, 76.5786, 71.2659



61.6247, 76.5786, 105.4703



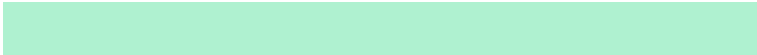
86.6062, 76.5786, 96.7969



85.2189, 76.5786, 64.6137

# Sweetspot

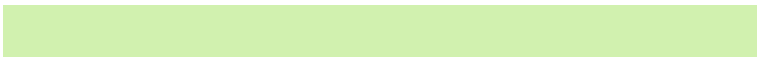
The Sweet Spot groups the original color and five complimentary colors.



60.5218, 76.5818, 71.2676



86.3398, 95.6945, 100.1461



65.5186, 79.5790, 52.4658



18.1504, 20.3197, 21.0947



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

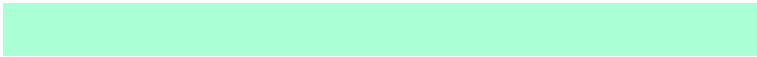


# Same Dimension

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



60.5218, 76.5818, 71.2676



64.5224, 84.9613, 75.8979



64.8504, 78.3132, 94.0618



15.8955, 17.7882, 18.4727



18.9803, 34.8842, 15.8113



1.6292, 2.9221, 1.5798



# Inverse Universe

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



62.9935, 53.9168, 66.7647



67.7756, 55.1296, 69.9712



59.4543, 52.5011, 48.1276



16.1024, 15.8907, 18.0957



21.5947, 10.9103, 11.0482

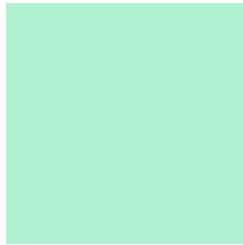


1.8467, 0.9277, 1.1836



# Previews

## White Background



This preview shows how the XYZ color 60.5197, 76.5786, 71.2659 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

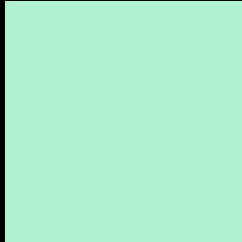
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 60.5197, 76.5786, 71.2659 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

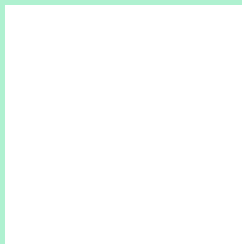
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 60.5197, 76.5786, 71.2659**

## **Background**



This preview shows how black text looks on a background with the XYZ color 60.5197, 76.5786, 71.2659.



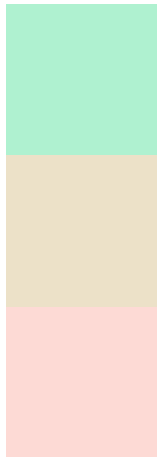
This preview shows how white text looks on a background with the XYZ color 60.5197, 76.5786,

71.2659.

# 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

60.5197, 76.5786, 71.2659

### Protanopia

71.9426, 75.8534, 65.4930

### Deuteranopia

77.5897, 75.8296, 73.4979



## Tritanopia

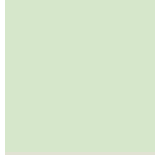
67.2051, 76.6989, 104.1908

# Trichromacy



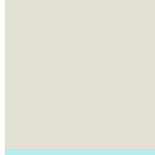
## Original Color

60.5197, 76.5786, 71.2659



## Protanomaly

67.0870, 75.7598, 67.5871



## Deuteranomaly

70.0056, 75.1034, 72.4347



## Tritanomaly

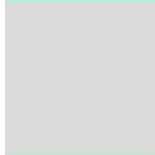
64.6263, 76.5066, 91.4818

# Monochromacy



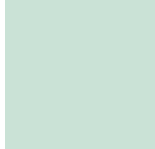
## Original Color

60.5197, 76.5786, 71.2659



## Achromatopsia

66.6397, 70.1102, 76.3500



## Achromatomaly

63.6911, 71.8043, 74.1211

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 60.5197, 76.5786, 71.2659 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(175, 241, 208)` looks like.

```
.text, #text, p{  
    color:rgb(175, 241, 208)  
}
```

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(175, 241, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 241, 208) }
```

## Border

The CSS property to change the border of an element to XYZ 60.5197, 76.5786, 71.2659 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(175, 241, 208) }
```



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

```
.border{ border-color:rgb(175, 241, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 241, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 241, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 241, 208);  
box-shadow:4px 4px 4px 4px rgb(175, 241,  
208) }
```

# Background

The CSS property to change the background color of an element to XYZ 60.5197, 76.5786, 71.2659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 241, 208) }
```

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

```
.background{ background-color: rgb(175,  
241, 208) }
```

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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