

Converting Colors

XYZ(62.5926, 78.5260, 59.1010)

Have a look what the booklet for
XYZ(62.5926, 78.5260, 59.1010)
contains.

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Color

**XYZ(62.4600, 78.2986,
58.8349)**

Conversions

Conversions Part 1

Format	Color
Hex	C0F2BB
RGB	192, 242, 187
RGB Percent	75%, 95%, 73%
CMY	0.2471, 0.0510, 0.2667
CMYK	0.21, 0.00, 0.23, 0.05
HSL	115°, 68%, 84%
HSV	115°, 23%, 95%
XYZ	62.4600, 78.2986, 58.8349
YIQ	220.7800, -12.1450, -27.7050

Conversions

Conversions Part 2

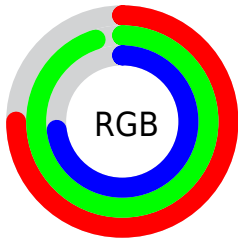
Format	Color
RYB	187, 242, 237
Decimal	12645051
CIELab	90.92, -26.14, 21.44
CIElCh	91, 33.809, 140.648
Yxy	78.2986, 0.3129, 0.3923
Android (android.graphics.Color)	4290835131 (0xFFC0F2BB)
YUV	220.7800, -16.6535, -25.2401
Hunter-Lab	88.4865, -28.8535, 22.5185

Details

The XYZ color **62.4600, 78.2986, 58.8349** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **68.7257, 59.9583, 91.9594**, and the grayscale version is **68.6939, 72.2713, 78.7034**.

A 20% lighter version of the original color is **91.0046, 98.1308, 98.9387**, and **32.3432, 42.2423, 29.0032** is the 20% darker color. If you saturate the color by 10%, you get **54.9244, 74.6907, 46.0792**, and if you desaturate by 10%, it is **71.2692, 82.5172, 73.9325**.

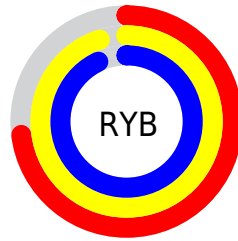
Distribution



Red (75%)

Green (95%)

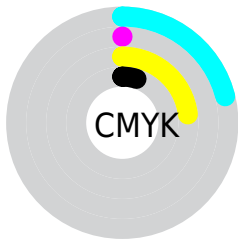
Blue (73%)



Red (73%)

Yellow (95%)

Blue (93%)

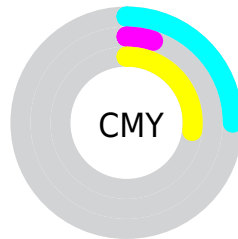


Cyan (21%)

Magenta (0%)

Yellow (23%)

Black (5%)



Cyan (25%)

Magenta (5%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.4600, 78.2986, 58.8349 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 62.4600, 78.2986, 58.8349 by changing the saturation by 10% instead.

62.4600, 78.2986,
58.8349

62.4600, 78.2986,
58.8349

423.2979,
489.1803, 437.9746

45.6615, 58.3193,
42.0611

107.4763,
130.9710, 104.6644

32.1823, 42.0654,
28.8232

136.4248,
164.4328, 134.5572

21.6570, 29.1525,
18.7027

170.1540,
203.1577, 169.6601

13.7203, 19.1962,
11.2810

209.0292,
247.5299, 210.3916

8.0068, 11.8121,
6.1396

253.4159,
297.9338, 257.1703

4.1511, 6.6159,
2.8600

303.6793,

1.7880, 3.2231,

354.7540, 310.4146

1.0236

360.1849,
418.3747, 370.5433

■ 0.5104, 1.2493,
0.0000

■ 0.0000, 0.1014,
0.0000

■ 62.4600, 78.2986,
58.8349

■ 62.4600, 78.2986,
58.8349

■ 54.9244, 74.6907,
46.0792

■ 71.2692, 82.5172,
73.9325

■ 48.5973, 71.6556,
35.5431

■ 81.4006, 87.3623,
91.4754

■ 43.4177, 69.1669,
27.1016

■ 91.0437, 91.9874,
107.5646

■ 39.3162, 67.1918,
20.6147

■ 36.2163, 65.6944,
15.9257

■ 34.0312, 64.6336,
12.8536

■ 32.6587, 63.9617,
11.1798

■ 32.0844, 63.6779,
10.6000

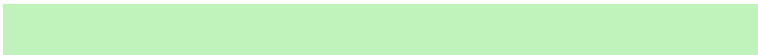
Harmonies

Analogous

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



68.7929, 78.2986, 48.4611



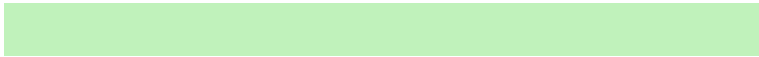
62.4600, 78.2986, 58.8349



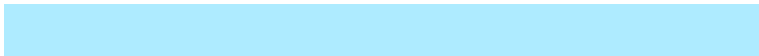
59.4007, 78.2986, 77.8561

Triad

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



62.4600, 78.2986, 58.8349



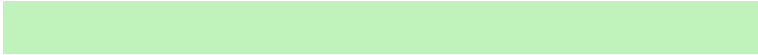
71.7905, 78.2986, 140.4204



90.8238, 78.2986, 69.7595

Complementary

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



62.4600, 78.2986, 58.8349



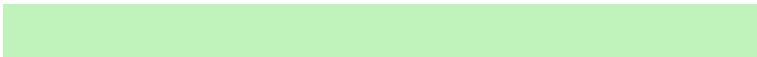
68.7257, 59.9583, 91.9594

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.



91.7800, 78.2986, 93.1060



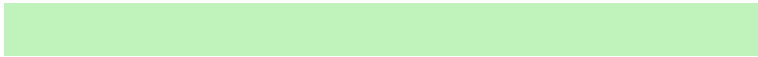
62.4600, 78.2986, 58.8349



80.3468, 78.2986, 137.1138

Square

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



62.4600, 78.2986, 58.8349



64.5104, 78.2986, 126.9140



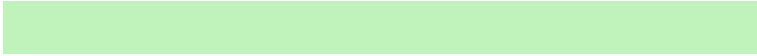
87.8179, 78.2986, 118.5910



85.2968, 78.2986, 53.8823

Rectangle

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



62.4600, 78.2986, 58.8349



59.4561, 78.2986, 94.2184



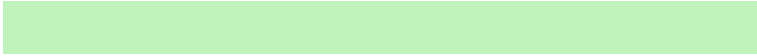
87.8179, 78.2986, 118.5910



91.7060, 78.2986, 76.8768

Sweetspot

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



62.4621, 78.3019, 58.8366



86.5878, 95.9543, 94.1931



75.7307, 82.7482, 58.9955



18.3848, 20.4671, 19.9038



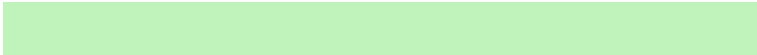
0.0000, 0.0000, 0.0000



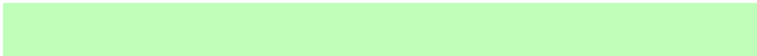
20.3446, 21.4041, 23.3091

Same Dimension

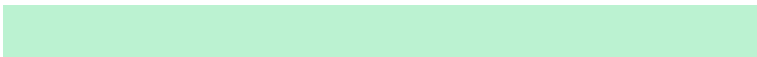
The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.4621, 78.3019, 58.8366



66.4804, 86.3313, 59.6977



63.7568, 78.6761, 72.1495



15.6991, 17.7250, 16.7436



17.2831, 34.2313, 5.6964



1.4828, 2.8710, 0.4760

Inverse Universe

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



68.7257, 59.9583, 91.9594



74.6158, 62.4935, 102.7375



67.3093, 59.5873, 75.6668



16.3044, 15.9541, 19.9417



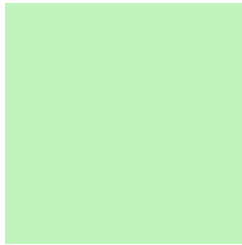
24.5280, 11.6500, 46.0838



2.0816, 0.9903, 3.8357

Previews

White Background



This preview shows how the XYZ color 62.4600, 78.2986, 58.8349 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 62.4600, 78.2986, 58.8349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

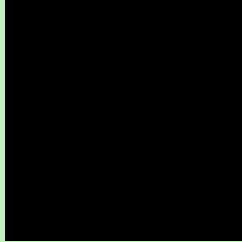
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.4600, 78.2986, 58.8349

Background



This preview shows how black text looks on a background with the XYZ color 62.4600, 78.2986, 58.8349.

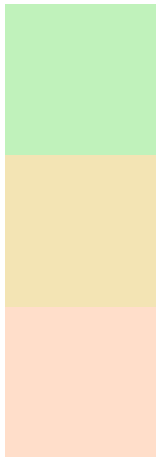


This preview shows how white text looks on a background with the XYZ color 62.4600, 78.2986,

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

62.4600, 78.2986, 58.8349

Protanopia

72.9438, 77.8368, 54.3595

Deuteranopia

78.0219, 77.7668, 66.7754



Tritanopia

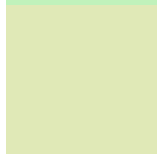
71.3382, 78.0026, 103.3915

Trichromacy



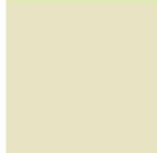
Original Color

62.4600, 78.2986, 58.8349



Protanomaly

68.4266, 77.5440, 56.1608



Deuteranomaly

71.3761, 77.2256, 63.9674



Tritanomaly

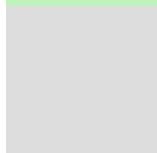
67.5522, 77.7345, 84.8427

Monochromacy



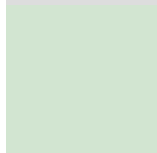
Original Color

62.4600, 78.2986, 58.8349



Achromatopsia

68.7264, 72.3055, 78.7407



Achromatomaly

66.1063, 74.3437, 71.1872

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4600, 78.2986, 58.8349 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(192, 242, 187)` looks like.

```
.text, #text, p{  
    color:rgb(192, 242, 187)  
}
```

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(192, 242, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 242, 187) }
```

Border

The CSS property to change the border of an element to XYZ 62.4600, 78.2986, 58.8349 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(192, 242, 187) }
```


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

```
.border{ border-color:rgb(192, 242, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 242, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 242, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 242, 187);  
box-shadow:4px 4px 4px 4px rgb(192, 242,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4600, 78.2986, 58.8349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 242, 187) }
```

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

```
.background{ background-color: rgb(192,  
242, 187) }
```

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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