

Converting Colors

XYZ(61.3039, 70.1425, 68.5499)

Have a look what the booklet for
XYZ(61.3039, 70.1425, 68.5499)
contains.

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Color

**XYZ(61.3545, 70.3124,
68.7304)**

Conversions

Conversions Part 1

Format	Color
Hex	C6E1CE
RGB	198, 225, 206
RGB Percent	78%, 88%, 81%
CMY	0.2235, 0.1176, 0.1922
CMYK	0.12, 0.00, 0.08, 0.12
HSL	138°, 31%, 83%
HSV	138°, 12%, 88%
XYZ	61.3545, 70.3124, 68.7304
YIQ	214.7610, -9.9930, -11.6330

Conversions

Conversions Part 2

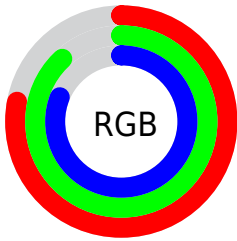
Format	Color
R_{YB}	198, 219, 225
Decimal	13033934
CIE _{Lab}	87.15, -12.49, 6.28
CIE _{LCh}	87, 13.980, 153.304
Yxy	70.3124, 0.3062, 0.3509
Android (android.graphics.Color)	4291224014 (0xFFC6E1CE)
YUV	214.7610, -4.3192, -14.6994
Hunter-Lab	83.8525, -16.1342, 10.0992

Details

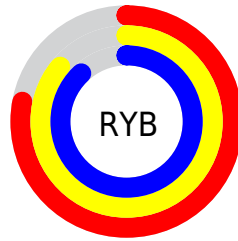
The XYZ color **61.3545, 70.3124, 68.7304** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.7724, 61.4073, 74.1406**, and the grayscale version is **64.4644, 67.8216, 73.8577**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.5438, 36.9457, 35.1745** is the 20% darker color. If you saturate the color by 10%, you get **54.0310, 66.7502, 58.8474**, and if you desaturate by 10%, it is **69.7568, 74.4123, 79.6786**.

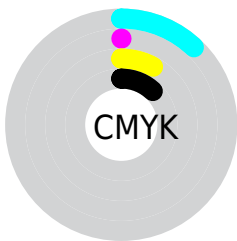
Distribution



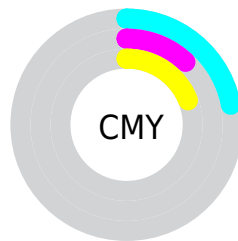
- Red (78%)
- Green (88%)
- Blue (81%)



- Red (78%)
- Yellow (86%)
- Blue (88%)



- Cyan (12%)
- Magenta (0%)
- Yellow (8%)
- Black (12%)



- Cyan (22%)
- Magenta (12%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.3545, 70.3124, 68.7304 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 61.3545, 70.3124, 68.7304 by changing the saturation by 10% instead.

■ 61.3545, 70.3124,
68.7304

■ 61.3545, 70.3124,
68.7304

419.3278,
461.6461, 474.7477

■ 44.7649, 51.7813,
50.0218

105.8873,
119.6542, 119.0605

■ 31.4728, 36.8307,
35.0594

134.5612,
151.2335, 151.5191

■ 21.1127, 25.0765,
23.4247

167.9940,
187.9312, 189.3980

■ 13.3194, 16.1340,
14.6992

206.5509,
230.1314, 233.1159

■ 7.7273, 9.6191,
8.4643

250.5974,
278.2186, 283.0913

■ 3.9713, 5.1471,
4.3014

300.4988,


■ 1.6859, 2.3338,


332.5772, 339.7427


1.7921


356.6205,
393.5916, 403.4886


 0.4474, 0.7915,
0.4228


 0.0000, 0.0000,
0.0000


 61.3545, 70.3124,
68.7304


 61.3545, 70.3124,
68.7304


 54.0310, 66.7502,
58.8474


 69.7568, 74.4123,
79.6786


 47.7360, 63.6944,
49.9929

 79.2738, 79.0619,
91.7177

 42.4239, 61.1244,
42.1352

 85.9768, 82.2372,
104.6929

 38.0433, 59.0142,
35.2390

 86.2165, 82.3331,
105.9555

■ 34.5380, 57.3357,
29.2669

■ 31.8453, 56.0574,
24.1791

■ 29.8940, 55.1434,
19.9328

■ 28.5991, 54.5509,
16.4815

■ 27.9295, 54.2543,
14.2569

Harmonies

Analogous

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



63.4278, 70.3124, 62.4387



61.3545, 70.3124, 68.7304



60.7318, 70.3124, 77.6036

Triad

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



61.3545, 70.3124, 68.7304



67.1938, 70.3124, 96.0340



72.2382, 70.3124, 67.0666

Complementary

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



61.3545, 70.3124, 68.7304



63.7724, 61.4073, 74.1406

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.



73.3230, 70.3124, 75.5223



61.3545, 70.3124, 68.7304



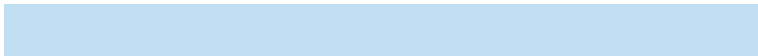
70.3514, 70.3124, 92.6604

Square

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



61.3545, 70.3124, 68.7304



64.0375, 70.3124, 93.8473



72.6216, 70.3124, 84.9590



69.7021, 70.3124, 61.5347

Rectangle

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



61.3545, 70.3124, 68.7304



61.2057, 70.3124, 83.9252



72.6216, 70.3124, 84.9590



72.7884, 70.3124, 69.6355

Sweetspot

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



61.3565, 70.3154, 68.7319



90.2621, 97.6628, 102.7556



65.8404, 72.7364, 63.9964



19.1328, 20.8126, 21.7522



0.0000, 0.0000, 0.0000



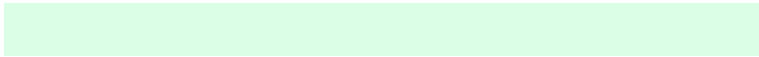
20.3446, 21.4041, 23.3091

Same Dimension

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



61.3565, 70.3154, 68.7319



79.3293, 92.3329, 88.4129



63.0222, 70.9817, 77.5035



13.6950, 15.4037, 15.4292



16.1382, 31.2801, 8.4509



1.1571, 2.1836, 0.7886

Inverse Universe

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



63.7724, 61.4073, 74.1406



83.0434, 78.6371, 96.7271



62.1287, 60.7498, 65.4853



14.1130, 13.8628, 16.3650



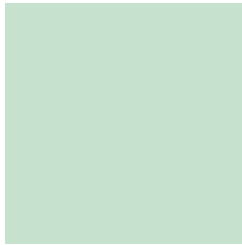
21.5201, 10.6750, 19.9364



1.5304, 0.7554, 1.5858

Previews

White Background



This preview shows how the XYZ color 61.3545, 70.3124, 68.7304 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 61.3545, 70.3124, 68.7304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

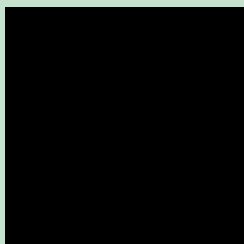
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

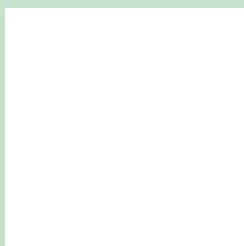
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.3545, 70.3124, 68.7304

Background



This preview shows how black text looks on a background with the XYZ color 61.3545, 70.3124, 68.7304.

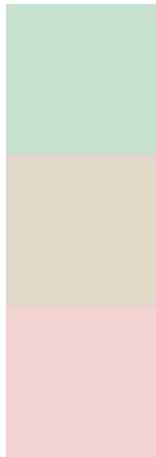


This preview shows how white text looks on a background with the XYZ color 61.3545, 70.3124,

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

61.3545, 70.3124, 68.7304

Protanopia

66.8376, 70.0587, 65.8771

Deuteranopia

71.4208, 70.0692, 70.0820



Tritanopia

65.6544, 70.0560, 90.9507

Trichromacy



Original Color

61.3545, 70.3124, 68.7304

Protanomaly

64.6916, 70.0971, 66.6204

Deuteranomaly

67.3051, 69.8346, 69.6066

Tritanomaly

63.9361, 70.1510, 82.1222

Monochromacy



Original Color

61.3545, 70.3124, 68.7304

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

63.5097, 68.9718, 72.2529

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3545, 70.3124, 68.7304 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(198, 225, 206)` looks like.

```
.text, #text, p{  
    color:rgb(198, 225, 206)  
}
```

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(198, 225, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 225, 206) }
```

Border

The CSS property to change the border of an element to XYZ 61.3545, 70.3124, 68.7304 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(198, 225, 206) }
```


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

```
.border{ border-color:rgb(198, 225, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 225, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 225, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 225, 206); box-shadow:4px 4px 4px 4px rgb(198, 225, 206) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3545, 70.3124, 68.7304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 225, 206) }
```

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

```
.background{ background-color: rgb(198,  
225, 206) }
```

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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