

Converting Colors

XYZ(58.4324, 76.4081, 56.0827)

Have a look what the booklet for
XYZ(58.4324, 76.4081, 56.0827)
contains.

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Color

**XYZ(58.3271, 76.2288,
55.8954)**

Conversions

Conversions Part 1

Format	Color
Hex	B1F2B6
RGB	177, 242, 182
RGB Percent	69%, 95%, 71%
CMY	0.3059, 0.0510, 0.2863
CMYK	0.27, 0.00, 0.25, 0.05
HSL	125°, 71%, 82%
HSV	125°, 27%, 95%
XYZ	58.3271, 76.2288, 55.8954
YIQ	215.7250, -19.4800, -32.4400

Conversions

Conversions Part 2

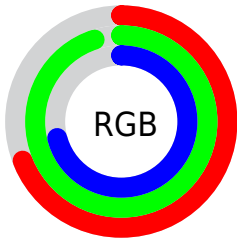
Format	Color
RYB	177, 237, 242
Decimal	11662006
CIELab	89.97, -31.85, 22.56
CIElCh	90, 39.032, 144.694
Yxy	76.2288, 0.3063, 0.4003
Android (android.graphics.Color)	4289852086 (0xFFB1F2B6)
YUV	215.7250, -16.6264, -33.9618
Hunter-Lab	87.3091, -33.5435, 23.1588

Details

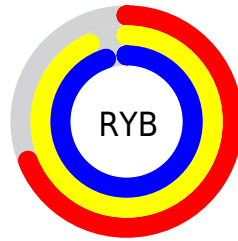
The XYZ color **58.3271, 76.2288, 55.8954** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **67.6288, 56.4376, 87.4532**, and the grayscale version is **65.2038, 68.5995, 74.7048**.

A 20% lighter version of the original color is **85.1243, 95.1855, 94.7750**, and **29.6897, 40.9137, 27.1012** is the 20% darker color. If you saturate the color by 10%, you get **51.1687, 72.7865, 44.4558**, and if you desaturate by 10%, it is **66.8353, 80.3288, 69.3237**.

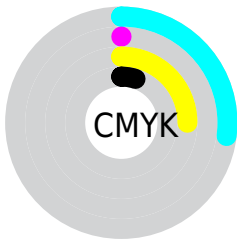
Distribution



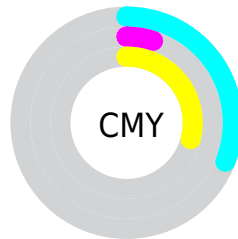
- Red (69%)
- Green (95%)
- Blue (71%)



- Red (69%)
- Yellow (93%)
- Blue (95%)



- Cyan (27%)
- Magenta (0%)
- Yellow (25%)
- Black (5%)





- Cyan (31%)
- Magenta (5%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.3271, 76.2288, 55.8954 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 58.3271, 76.2288, 55.8954 by changing the saturation by 10% instead.


 58.3271, 76.2288,
55.8954

 58.3271, 76.2288,
55.8954


408.3379,
482.1306, 426.6744

 42.3160, 56.6201,
39.7156


 101.5193,
128.0503, 100.3359

 29.5410, 40.7003,
27.0048


129.4310,
161.0319, 129.4337

 19.6368, 28.0850,
17.3444

162.0403,
199.2399, 163.6746

 12.2380, 18.3898,
10.3158

199.7126,
243.0588, 203.4771

 6.9793, 11.2302,
5.5005

242.8131,
292.8729, 249.2598

 3.4954, 6.2219,
2.4800


291.7072,

 1.4208, 2.9805,


349.0667, 301.4413


0.8295


346.7604,
412.0244, 360.4399


 0.2710, 1.1215,
0.0000


 0.0000, 0.0000,
0.0000

 58.3271, 76.2288,
55.8954


 58.3271, 76.2288,
55.8954


 51.1687, 72.7865,
44.4558


 66.8353, 80.3288,
69.3237


 45.2850, 69.9586,
34.9058

 76.7515, 85.1079,
84.8236

 40.6028, 67.7118,
27.1451

 88.1375, 90.5987,
102.4795

 37.0389, 66.0055,
21.0624

 91.0436, 91.9873,
107.5645

■ 34.4997, 64.7941,
16.5337

■ 32.8759, 64.0243,
13.4182

■ 32.0311, 63.6292,
11.5493

■ 31.8679, 63.5530,
11.1865

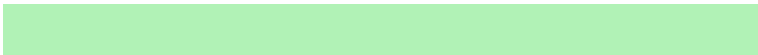
Harmonies

Analogous

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



64.9667, 76.2288, 43.4424



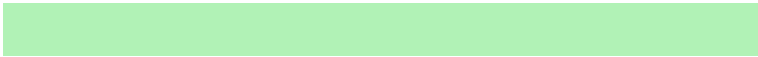
58.3271, 76.2288, 55.8954



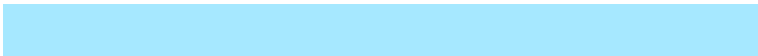
55.4870, 76.2288, 78.1777

Triad

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



58.3271, 76.2288, 55.8954



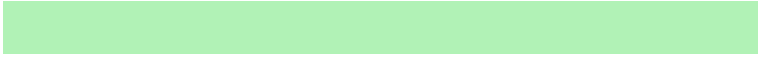
70.7491, 76.2288, 148.0367



90.6737, 76.2288, 62.7002

Complementary

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



58.3271, 76.2288, 55.8954



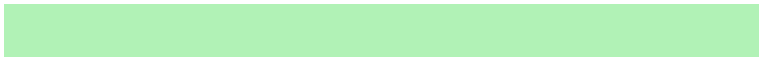
67.6288, 56.4376, 87.4532

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.



92.5670, 76.2288, 88.0170



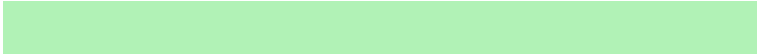
58.3271, 76.2288, 55.8954



80.4938, 76.2288, 141.3211

Square

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



58.3271, 76.2288, 55.8954



62.2395, 76.2288, 134.4225



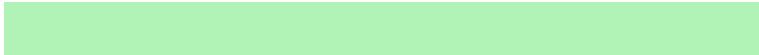
88.6936, 76.2288, 117.6972



83.7273, 76.2288, 46.7161

Rectangle

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



58.3271, 76.2288, 55.8954



55.9301, 76.2288, 97.2390



88.6936, 76.2288, 117.6972



91.9468, 76.2288, 70.2241

Sweetspot

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



58.3291, 76.2320, 55.8971



85.0540, 95.1801, 93.3748



74.8393, 84.8020, 54.0196



17.8283, 20.1908, 19.3986



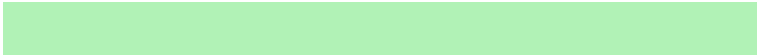
0.0000, 0.0000, 0.0000



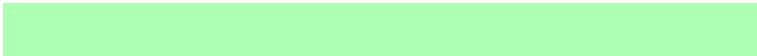
20.3446, 21.4041, 23.3091

Same Dimension

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



58.3291, 76.2320, 55.8971



61.2876, 83.7321, 55.9397



62.0022, 77.7012, 75.2391



15.6152, 17.6761, 16.9968



17.1376, 34.1471, 6.1077



1.4427, 2.8475, 0.5975

Inverse Universe

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



67.6288, 56.4376, 87.4532



73.3160, 58.1230, 96.7504



63.3820, 54.7389, 65.0901



16.3987, 16.0092, 19.6559



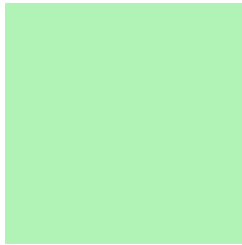
26.8776, 13.0235, 38.8678



2.2515, 1.0896, 3.3150

Previews

White Background



This preview shows how the XYZ color 58.3271, 76.2288, 55.8954 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 58.3271, 76.2288, 55.8954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

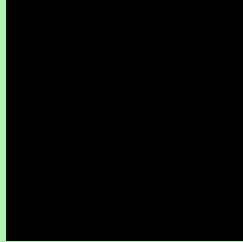
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.3271, 76.2288, 55.8954

Background



This preview shows how black text looks on a background with the XYZ color 58.3271, 76.2288, 55.8954.



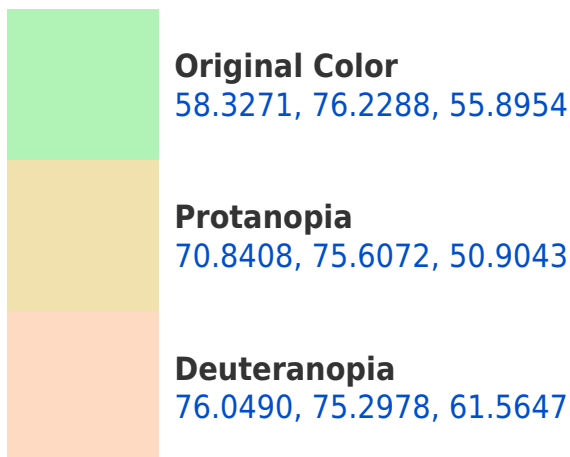
This preview shows how white text looks on a background with the XYZ color 58.3271, 76.2288,

55.8954.

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





Tritanopia

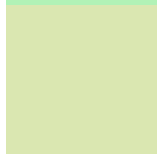
67.7867, 76.1900, 102.4002

Trichromacy



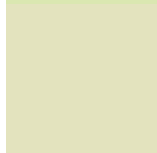
Original Color

58.3271, 76.2288, 55.8954



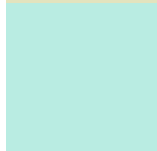
Protanomaly

65.4252, 75.2316, 52.6678



Deuteranomaly

68.4419, 74.9868, 59.5818



Tritanomaly

63.7305, 75.7962, 83.2227

Monochromacy



Original Color

58.3271, 76.2288, 55.8954



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

62.1814, 70.7666, 67.5088

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3271, 76.2288, 55.8954 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(177, 242, 182)` looks like.

```
.text, #text, p{  
    color:rgb(177, 242, 182)  
}
```

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(177, 242, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 242, 182) }
```

Border

The CSS property to change the border of an element to XYZ 58.3271, 76.2288, 55.8954 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(177, 242, 182) }
```


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

```
.border{ border-color:rgb(177, 242, 182) }
```

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

Here you see how a box with a 4 pixel rgb(177, 242, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 242, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 242, 182);  
box-shadow:4px 4px 4px 4px rgb(177, 242,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3271, 76.2288, 55.8954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 242, 182) }
```

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

```
.background{ background-color: rgb(177,  
242, 182) }
```

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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