

Converting Colors

XYZ(56.3015, 71.0734, 60.5374)

Have a look what the booklet for
XYZ(56.3015, 71.0734, 60.5374)
contains.

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Color

**XYZ(56.3325, 71.1976,
60.6426)**

Conversions

Conversions Part 1

Format	Color
Hex	AFE9C0
RGB	175, 233, 192
RGB Percent	69%, 91%, 75%
CMY	0.3137, 0.0863, 0.2471
CMYK	0.25, 0.00, 0.18, 0.09
HSL	138°, 57%, 80%
HSV	138°, 25%, 91%
XYZ	56.3325, 71.1976, 60.6426
YIQ	210.9840, -21.4070, -25.0470

Conversions

Conversions Part 2

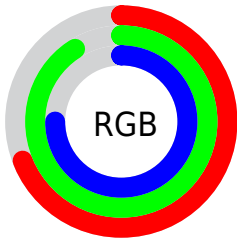
Format	Color
RYB	175, 220, 233
Decimal	11528640
CIELab	87.58, -26.48, 14.04
CIELCh	88, 29.966, 152.069
Yxy	71.1976, 0.2994, 0.3784
Android (android.graphics.Color)	4289718720 (0xFFAFE9C0)
YUV	210.9840, -9.3591, -31.5580
Hunter-Lab	84.3787, -28.4933, 16.4536

Details

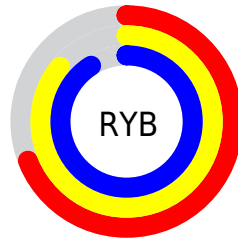
The XYZ color **56.3325, 71.1976, 60.6426** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **61.3313, 52.9430, 71.9552**, and the grayscale version is **61.9779, 65.2055, 71.0088**.

A 20% lighter version of the original color is **85.6583, 95.2862, 102.6843**, and **28.1947, 37.3442, 29.7669** is the 20% darker color. If you saturate the color by 10%, you get **49.8234, 68.0432, 51.3389**, and if you desaturate by 10%, it is **63.9521, 74.9048, 71.0676**.

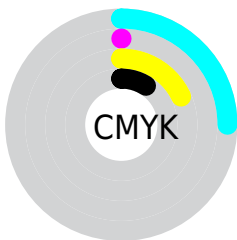
Distribution



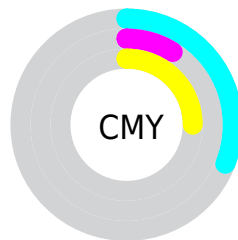
- Red (69%)
- Green (91%)
- Blue (75%)



- Red (69%)
- Yellow (86%)
- Blue (91%)



- Cyan (25%)
- Magenta (0%)
- Yellow (18%)
- Black (9%)



- Cyan (31%)
- Magenta (9%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.3325, 71.1976, 60.6426 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 56.3325, 71.1976, 60.6426 by changing the saturation by 10% instead.

■ 56.3325, 71.1976,
60.6426

■ 56.3325, 71.1976,
60.6426

400.9981,
464.7439, 444.8326

■ 40.7076, 52.5035,
43.5081

■ 98.6276, 120.9150,
107.3138

■ 28.2774, 37.4065,
29.9496

126.0284,
152.7071, 137.6875

■ 18.6764, 25.5224,
19.5486

158.0854,
189.6340, 173.3114

■ 11.5393, 16.4667,
11.8866

195.1637,
232.0801, 214.6041

■ 6.5007, 9.8550,
6.5449

237.6288,
280.4297, 261.9840

■ 3.1954, 5.3029,
3.1050

285.8460,

■ 1.2579, 2.4261,

335.0673, 315.8697

1.1485

340.1806,
396.3772, 376.6797

■ 0.1514, 0.8393,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.3325, 71.1976,
60.6426

■ 56.3325, 71.1976,
60.6426

■ 49.8234, 68.0432,
51.3389

■ 63.9521, 74.9048,
71.0676

■ 44.3659, 65.4062,
43.1142

■ 72.7258, 79.1807,
82.6447

■ 39.9045, 63.2606,
35.9306

■ 82.7019, 84.0514,
95.4096

■ 36.3760, 61.5749,
29.7461

■ 88.4303, 86.7606,
106.6934

■ 33.7096, 60.3133,
24.5158

■ 31.8237, 59.4348,
20.1912

■ 30.6196, 58.8897,
16.7194

■ 30.1927, 58.7016,
15.2550

Harmonies

Analogous

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



60.6915, 71.1976, 48.9330



56.3325, 71.1976, 60.6426



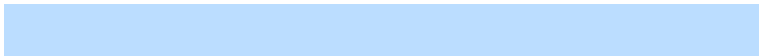
54.9473, 71.1976, 78.9396

Triad

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



56.3325, 71.1976, 60.6426



68.1644, 71.1976, 123.4241



79.8868, 71.1976, 58.5942

Complementary

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



56.3325, 71.1976, 60.6426



61.3313, 52.9430, 71.9552

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.



82.2217, 71.1976, 76.1216



56.3325, 71.1976, 60.6426



75.1665, 71.1976, 115.5150

Square

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



56.3325, 71.1976, 60.6426



61.4874, 71.1976, 117.3630



80.4376, 71.1976, 97.2747



74.2562, 71.1976, 47.9035

Rectangle

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



56.3325, 71.1976, 60.6426



55.8130, 71.1976, 93.1278



80.4376, 71.1976, 97.2747



81.1002, 71.1976, 63.7651

Sweetspot

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



56.3344, 71.2006, 60.6442



86.8196, 95.9841, 98.2562



65.3661, 76.0618, 51.7943



18.4384, 20.4741, 20.8417



0.0000, 0.0000, 0.0000



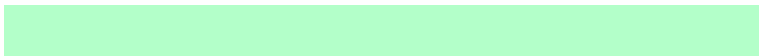
20.3446, 21.4041, 23.3091

Same Dimension

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



56.3344, 71.2006, 60.6442



64.7684, 85.2576, 68.2528



59.7961, 72.5853, 78.8731



15.0499, 16.9348, 16.9458



17.1781, 33.3257, 8.9031



1.3896, 2.6331, 0.9134

Inverse Universe

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



61.3313, 52.9430, 71.9552



71.9079, 59.1592, 84.4042



57.9668, 51.5972, 54.2376



15.5157, 15.2341, 18.0012



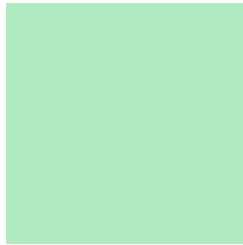
22.9631, 11.3879, 21.4048



1.8448, 0.9109, 1.9000

Previews

White Background



This preview shows how the XYZ color 56.3325, 71.1976, 60.6426 looks on a white background.

Color Contrast Check

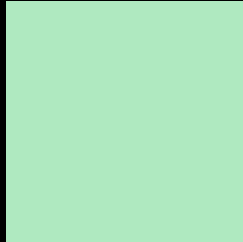
Large Text (above 18pt) WCAG AA × Fail

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 56.3325, 71.1976, 60.6426 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 56.3325, 71.1976, 60.6426

Background



This preview shows how black text looks on a background with the XYZ color 56.3325, 71.1976, 60.6426.



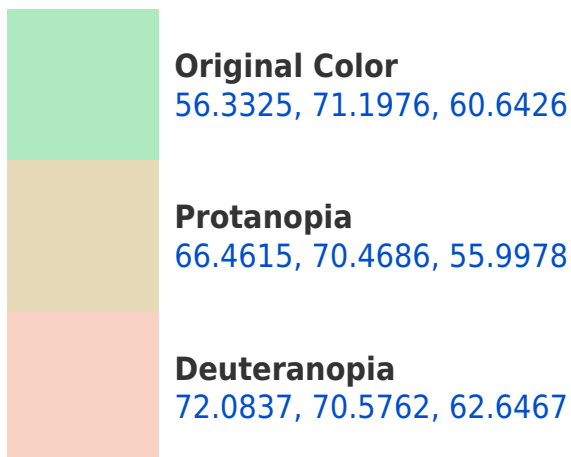
This preview shows how white text looks on a background with the XYZ color 56.3325, 71.1976,

60.6426.

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

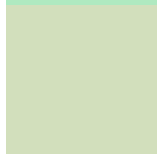
63.5331, 71.2387, 95.9898

Trichromacy



Original Color

56.3325, 71.1976, 60.6426



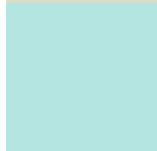
Protanomaly

62.0431, 70.1078, 57.8391



Deuteranomaly

65.0006, 69.9753, 61.7104



Tritanomaly

60.6660, 71.2986, 81.7987

Monochromacy



Original Color

56.3325, 71.1976, 60.6426



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

59.5193, 67.0284, 66.9275

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3325, 71.1976, 60.6426 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, 233, 192)` looks like.

```
.text, #text, p{  
    color:rgb(175, 233, 192)  
}
```

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, 233, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 233, 192) }
```

Border

The CSS property to change the border of an element to XYZ 56.3325, 71.1976, 60.6426 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, 233, 192) }
```


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

```
.border{ border-color:rgb(175, 233, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 233, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 233, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 233, 192);  
box-shadow:4px 4px 4px 4px rgb(175, 233,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3325, 71.1976, 60.6426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 233, 192) }
```

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

```
.background{ background-color: rgb(175,  
233, 192) }
```

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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