

Converting Colors

XYZ(56.0445, 67.4893, 72.3635)

Have a look what the booklet for
XYZ(56.0445, 67.4893, 72.3635)
contains.

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Color

**XYZ(56.0425, 67.4881,
72.3601)**

Conversions

Conversions Part 1

Format	Color
Hex	ADE1D4
RGB	173, 225, 212
RGB Percent	68%, 88%, 83%
CMY	0.3216, 0.1176, 0.1686
CMYK	0.23, 0.00, 0.06, 0.12
HSL	165°, 46%, 78%
HSV	165°, 23%, 88%
XYZ	56.0425, 67.4881, 72.3601
YIQ	207.9700, -26.8190, -15.0670

Conversions

Conversions Part 2

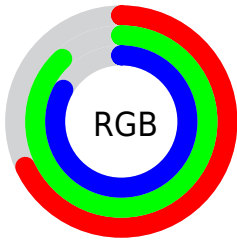
Format	Color
RYB	173, 203, 225
Decimal	11395540
CIELab	85.75, -19.30, 0.90
CIELCh	86, 19.325, 177.336
Yxy	67.4881, 0.2861, 0.3445
Android (android.graphics.Color)	4289585620 (0xFFADE1D4)
YUV	207.9700, 1.9868, -30.6687
Hunter-Lab	82.1511, -21.9940, 5.2822

Details

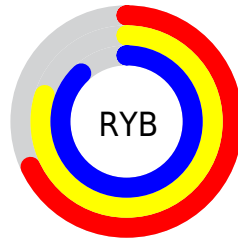
The XYZ color **56.0425, 67.4881, 72.3601** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.8603, 49.4418, 53.1091**, and the grayscale version is **59.9363, 63.0577, 68.6698**.

A 20% lighter version of the original color is **86.1231, 95.3980, 108.4822**, and **28.0683, 35.1057, 37.1950** is the 20% darker color. If you saturate the color by 10%, you get **50.7829, 64.8591, 68.4745**, and if you desaturate by 10%, it is **62.1685, 70.5645, 76.4182**.

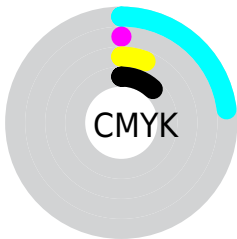
Distribution



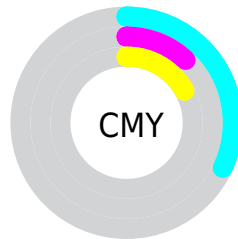
- Red (68%)
- Green (88%)
- Blue (83%)



- Red (68%)
- Yellow (80%)
- Blue (88%)



- Cyan (23%)
- Magenta (0%)
- Yellow (6%)
- Black (12%)



- Cyan (32%)
- Magenta (12%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0425, 67.4881, 72.3601 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 56.0425, 67.4881, 72.3601 by changing the saturation by 10% instead.

■ 56.0425, 67.4881,
72.3601

■ 56.0425, 67.4881,
72.3601

399.9241,
451.6802, 487.8052

■ 40.4741, 49.4814,
52.9643

■ 98.2062, 115.6195,
124.2808

■ 28.0943, 35.0015,
37.3867

125.5322,
146.5130, 157.6428

■ 18.5375, 23.6640,
25.2089

157.5081,
182.4710, 196.4973

■ 11.4386, 15.0846,
16.0123

194.4993,
223.8776, 241.2627

■ 6.4321, 8.8788,
9.3784

236.8712,
271.1175, 292.3577

■ 3.1527, 4.6622,
4.8887


284.9890,


■ 1.2350, 2.0505,


324.5750, 350.2007


2.1245


339.2182,
384.6344, 415.2104


 0.1338, 0.6365,
0.6303


 0.0000, 0.0000,
0.0000


 56.0425, 67.4881,
72.3601


 56.0425, 67.4881,
72.3601


 50.7829, 64.8591,
68.4745


 62.1685, 70.5645,
76.4182


 46.3419, 62.6474,
64.7536


 69.1944, 74.1002,
80.6474


 42.6754, 60.8322,
61.1954


 77.1590, 78.1168,
85.0522


 39.7331, 59.3876,
57.7964


 83.0905, 81.0824,
89.4948

 37.4585, 58.2844,
54.5523


 83.9142, 81.4119,
93.8324


 35.7862, 57.4891,
51.4589

 84.7639, 81.7518,
98.3065

 34.6376, 56.9610,
48.5111

 85.6397, 82.1021,
102.9184

 34.0638, 56.7077,
46.5603

 86.2164, 82.3328,
105.9555

Harmonies

Analogous

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



57.2685, 67.4881, 61.1402



56.0425, 67.4881, 72.3601



56.9039, 67.4881, 85.2083

Triad

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



56.0425, 67.4881, 72.3601



68.1186, 67.4881, 97.2356



68.8316, 67.4881, 54.8765

Complementary

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



56.0425, 67.4881, 72.3601



54.8603, 49.4418, 53.1091

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.



71.9766, 67.4881, 62.8861



56.0425, 67.4881, 72.3601



71.5519, 67.4881, 87.3844

Square

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



56.0425, 67.4881, 72.3601



63.7521, 67.4881, 100.5086



72.9940, 67.4881, 74.6176



64.5403, 67.4881, 51.7963

Rectangle

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



56.0425, 67.4881, 72.3601



58.5688, 67.4881, 92.8260



72.9940, 67.4881, 74.6176



70.0652, 67.4881, 57.0332

Sweetspot

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



56.0444, 67.4909, 72.3616



88.0748, 96.4862, 104.8660



54.9311, 67.4184, 49.6543



18.7291, 20.5903, 22.3723



0.0000, 0.0000, 0.0000



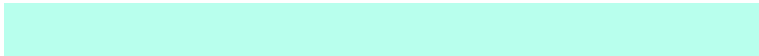
20.3446, 21.4041, 23.3091

Same Dimension

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



56.0444, 67.4909, 72.3616



70.7390, 87.7840, 93.4490



54.5871, 61.8445, 80.2974



13.9625, 15.5107, 16.8376



19.6773, 32.6958, 27.0874



1.3990, 2.2803, 2.0625

Inverse Universe

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



54.8603, 49.4418, 53.1091



68.8935, 59.6134, 63.4137



55.9733, 53.7805, 46.9670



13.8471, 13.7565, 14.9651



18.3477, 9.4061, 3.2309



1.3073, 0.6662, 0.4112

Previews

White Background



This preview shows how the XYZ color 56.0425, 67.4881, 72.3601 looks on a white background.

Color Contrast Check

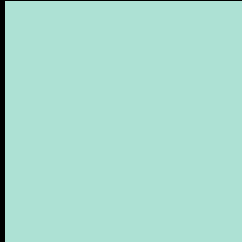
Large Text (above 18pt) WCAG AA × Fail

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 56.0425, 67.4881, 72.3601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

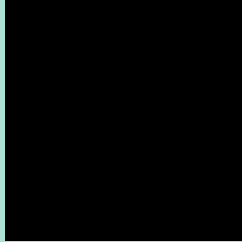
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

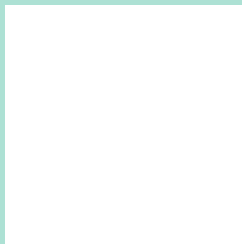
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.0425, 67.4881, 72.3601

Background



This preview shows how black text looks on a background with the XYZ color 56.0425, 67.4881, 72.3601.

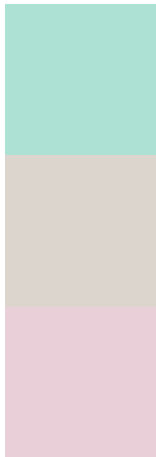


This preview shows how white text looks on a background with the XYZ color 56.0425, 67.4881,

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

56.0425, 67.4881, 72.3601

Protanopia

64.3289, 67.2119, 67.3403

Deuteranopia

68.3118, 66.9072, 74.2797



Tritanopia

59.7965, 67.4099, 91.5211

Trichromacy



Original Color

56.0425, 67.4881, 72.3601

Protanomaly

60.8266, 66.8763, 69.3770

Deuteranomaly

63.1763, 66.8483, 73.8632

Tritanomaly

58.1686, 67.1298, 84.0203

Monochromacy



Original Color

56.0425, 67.4881, 72.3601

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

58.0609, 64.2987, 69.6724

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0425, 67.4881, 72.3601 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(173, 225, 212)` looks like.

```
.text, #text, p{  
    color:rgb(173, 225, 212)  
}
```

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(173, 225, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 225, 212) }
```

Border

The CSS property to change the border of an element to XYZ 56.0425, 67.4881, 72.3601 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(173, 225, 212) }
```


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

```
.border{ border-color:rgb(173, 225, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 225, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 225, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 225, 212);  
box-shadow:4px 4px 4px 4px rgb(173, 225,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0425, 67.4881, 72.3601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 225, 212) }
```

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

```
.background{ background-color: rgb(173,  
225, 212) }
```

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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