

Converting Colors

XYZ(46.8312, 54.2086, 56.6725)

Have a look what the booklet for
XYZ(46.8312, 54.2086, 56.6725)
contains.

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Color

**XYZ(46.7585, 54.0370,
56.6810)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | AAC9BE |
| RGB | 170, 201, 190 |
| RGB Percent | 67%, 79%, 75% |
| CMY | 0.3333, 0.2117, 0.2549 |
| CMYK | 0.15, 0.00, 0.05, 0.21 |
| HSL | 159°, 22%, 73% |
| HSV | 159°, 15%, 79% |
| XYZ | 46.7585, 54.0370, 56.6810 |
| YIQ | 190.4770, -14.9450, -9.9930 |

Conversions

Conversions Part 2

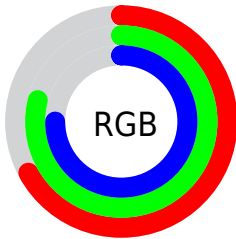
| Format | Color |
|-------------------------------------|--|
| RYB | 170, 189, 201 |
| Decimal | 11192766 |
| CIELab | 78.48, -12.55, 2.01 |
| CIELCh | 78, 12.707, 170.877 |
| Yxy | 54.0370, 0.2969, 0.3431 |
| Android (android.graphics.Color) | 4289382846 (0xFFAAC9BE) |
| YUV | 190.4770, -0.2352, -17.9583 |
| Hunter-Lab | 73.5099, -15.1011, 5.7404 |

Details

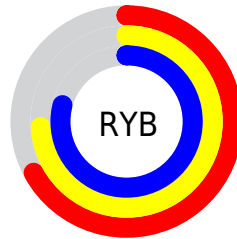
The XYZ color **46.7585, 54.0370, 56.6810** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.8045, 44.5046, 49.8419**, and the grayscale version is **49.2274, 51.7910, 56.4004**.

A 20% lighter version of the original color is **83.7586, 94.3426, 100.9842**, and **22.2852, 26.4555, 27.5988** is the 20% darker color. If you saturate the color by 10%, you get **41.9807, 51.6633, 52.4871**, and if you desaturate by 10%, it is **52.2419, 56.7730, 61.1094**.

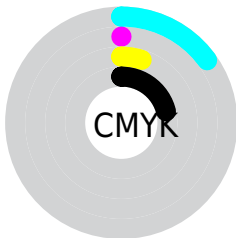
Distribution



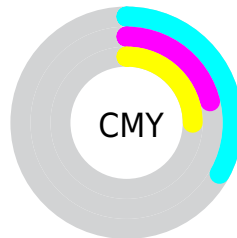
- Red (67%)
- Green (79%)
- Blue (75%)



- Red (67%)
- Yellow (74%)
- Blue (79%)



- Cyan (15%)
- Magenta (0%)
- Yellow (5%)
- Black (21%)



- Cyan (33%)
- Magenta (21%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.7585, 54.0370, 56.6810 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 46.7585, 54.0370, 56.6810 by changing the saturation by 10% instead.

■ 46.7585, 54.0370,
56.6810

■ 46.7585, 54.0370,
56.6810

364.5148,
402.2511, 429.7131

■ 33.0519, 38.6312,
40.3415

■ 84.5740, 96.1286,
101.4953

■ 22.3257, 26.4730,
27.4891

109.4136,
123.5832, 130.8072

■ 14.2143, 17.1778,
17.7052

138.6949,
155.8228, 165.2803

■ 8.3526, 10.3613,
10.5713

172.7833,
193.2320, 205.3332

■ 4.3751, 5.6392,
5.6688

212.0441,
236.1950, 251.3843

■ 1.9164, 2.6270,
2.5793

256.8427,

■ 0.5864, 0.9402,

285.0962, 303.8524

0.8817

307.5445,
340.3201, 363.1558

■ 0.0000, 0.0000,
0.0000

■ 46.7585, 54.0370,
56.6810

■ 46.7585, 54.0370,
56.6810

■ 41.9807, 51.6633,
52.4871

■ 52.2419, 56.7730,
61.1094

■ 37.8733, 49.6294,
48.5200

■ 58.4551, 59.8792,
65.7728

■ 34.4048, 47.9207,
44.7762

■ 65.4265, 63.3718,
70.6764

■ 31.5396, 46.5186,
41.2514

■ 73.1819, 67.2639,
75.8240

■ 29.2380, 45.4030,
37.9404

■ 75.8097, 68.5081,
80.9417

■ 27.4558, 44.5510,
34.8383

■ 76.8075, 68.9072,
86.1955

■ 26.1413, 43.9362,
31.9395

■ 77.8464, 69.3227,
91.6663

■ 25.2318, 43.5262,
29.2376

■ 78.9269, 69.7550,
97.3566

■ 24.8947, 43.3780,
28.0633

■ 80.0496, 70.2040,
103.2687

Harmonies

Analogous

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



47.7204, 54.0370, 50.5700



46.7585, 54.0370, 56.6810



46.9983, 54.0370, 63.8814

Triad

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



46.7585, 54.0370, 56.6810



53.0929, 54.0370, 72.6621



54.4542, 54.0370, 48.7889

Complementary

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



46.7585, 54.0370, 56.6810



46.8045, 44.5046, 49.8419

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.



55.9847, 54.0370, 54.0656



46.7585, 54.0370, 56.6810



55.1813, 54.0370, 67.9595

Square

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



46.7585, 54.0370, 56.6810



50.6021, 54.0370, 73.5054



56.2551, 54.0370, 61.0472



52.1266, 54.0370, 46.2628

Rectangle

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



46.7585, 54.0370, 56.6810



47.8106, 54.0370, 68.3157



56.2551, 54.0370, 61.0472



55.0821, 54.0370, 50.2785

Sweetspot

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



46.7600, 54.0393, 56.6822



89.7938, 97.3735, 104.8959



47.2863, 54.5461, 46.0673



19.0670, 20.7658, 22.3334



0.0000, 0.0000, 0.0000



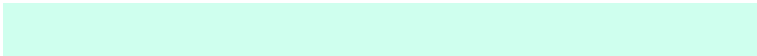
20.3446, 21.4041, 23.3091

Same Dimension

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



46.7600, 54.0393, 56.6822



76.7706, 90.8823, 94.2348



47.0579, 52.6372, 62.9407



10.7807, 12.0012, 12.7954



15.6970, 27.2912, 17.8808



0.7768, 1.3057, 1.0233

Inverse Universe

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



46.8045, 44.5046, 49.8419



76.8639, 71.0359, 79.9998



46.5066, 45.6449, 44.3903



10.7868, 10.6981, 11.8603



15.9069, 8.1123, 4.7197



0.7877, 0.3979, 0.4050

Previews

White Background



This preview shows how the XYZ color 46.7585, 54.0370, 56.6810 looks on a white background.

Color Contrast Check

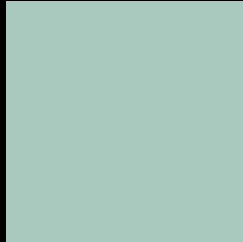
Large Text (above 18pt) WCAG AA × Fail

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 46.7585, 54.0370, 56.6810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

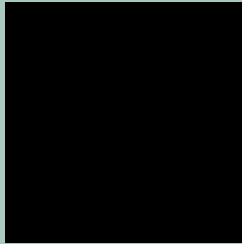
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

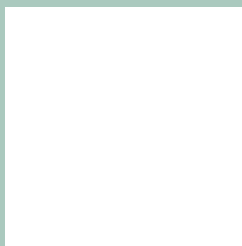
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.7585, 54.0370, 56.6810

Background



This preview shows how black text looks on a background with the XYZ color 46.7585, 54.0370, 56.6810.

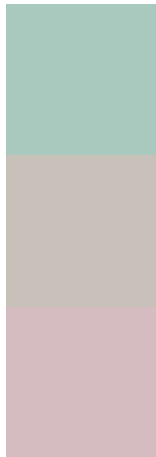


This preview shows how white text looks on a background with the XYZ color 46.7585, 54.0370,

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

46.7585, 54.0370, 56.6810

Protanopia

51.4861, 53.8272, 54.1305

Deuteranopia

55.0494, 53.9628, 57.9665



Tritanopia

49.6599, 54.1909, 70.7933

Trichromacy



Original Color

46.7585, 54.0370, 56.6810

Protanomaly

49.4486, 53.7591, 54.7840

Deuteranomaly

51.6103, 53.8160, 57.5365

Tritanomaly

48.6764, 54.1389, 65.6419

Monochromacy



Original Color

46.7585, 54.0370, 56.6810

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.1145, 52.3686, 56.2874

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.7585, 54.0370, 56.6810 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(170, 201, 190)` looks like.

```
.text, #text, p{  
    color:rgb(170, 201, 190)  
}
```

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(170, 201, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 201, 190) }
```

Border

The CSS property to change the border of an element to XYZ 46.7585, 54.0370, 56.6810 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(170, 201, 190) }
```


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

```
.border{ border-color:rgb(170, 201, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 201, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 201, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 201, 190);  
box-shadow:4px 4px 4px 4px rgb(170, 201,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 46.7585, 54.0370, 56.6810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 201, 190) }
```

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

```
.background{ background-color: rgb(170,  
201, 190) }
```

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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