

Converting Colors

XYZ(44.6925, 51.1234, 56.6320)

Have a look what the booklet for
XYZ(44.6925, 51.1234, 56.6320)
contains.

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Color

**XYZ(44.8698, 51.3484,
56.8366)**

Conversions

Conversions Part 1

Format	Color
Hex	A6C4BF
RGB	166, 196, 191
RGB Percent	65%, 77%, 75%
CMY	0.3490, 0.2314, 0.2510
CMYK	0.15, 0.00, 0.03, 0.23
HSL	170°, 20%, 71%
HSV	170°, 15%, 77%
XYZ	44.8698, 51.3484, 56.8366
YIQ	186.4600, -16.2750, -7.9150

Conversions

Conversions Part 2

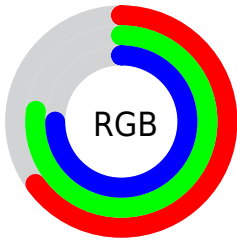
Format	Color
R _Y B	166, 182, 196
Decimal	10929343
CIE Lab	76.89, -11.06, -0.88
CIE LCh	77, 11.099, 184.549
Yxy	51.3484, 0.2932, 0.3355
Android (android.graphics.Color)	4289119423 (0xFFA6C4BF)
YUV	186.4600, 2.2382, -17.9434
Hunter-Lab	71.6578, -13.6302, 3.1336

Details

The XYZ color **44.8698, 51.3484, 56.8366** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.7537, 41.9499, 44.3214**, and the grayscale version is **46.9257, 49.3695, 53.7634**.

A 20% lighter version of the original color is **81.7326, 92.3381, 101.5110**, and **21.1999, 24.7584, 27.7063** is the 20% darker color. If you saturate the color by 10%, you get **40.7148, 49.2489, 54.7864**, and if you desaturate by 10%, it is **49.6620, 53.7782, 58.9606**.

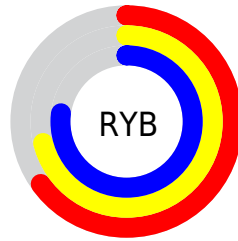
Distribution



Red (65%)

Green (77%)

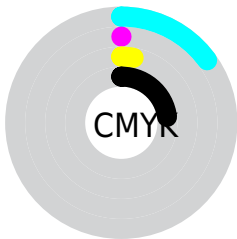
Blue (75%)



Red (65%)

Yellow (71%)

Blue (77%)

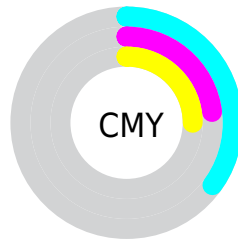


Cyan (15%)

Magenta (0%)

Yellow (3%)

Black (23%)



Cyan (35%)

Magenta (23%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.8698, 51.3484, 56.8366 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 44.8698, 51.3484, 56.8366 by changing the saturation by 10% instead.

■ 44.8698, 51.3484,
56.8366

■ 44.8698, 51.3484,
56.8366

357.0386,
391.9159, 430.3133

■ 31.5557, 36.4860,
40.4656

■ 81.7633, 92.1696,
101.7247

■ 21.1763, 24.8097,
27.5852

■ 106.0734,
118.8971, 131.0788

■ 13.3661, 15.9354,
17.7769

134.7795,
150.3484, 165.5978

■ 7.7599, 9.4784,
10.6221

168.2471,
186.9079, 205.7001

■ 3.9922, 5.0545,
5.7024

206.8414,
228.9600, 251.8042

■ 1.6977, 2.2793,
2.5991

250.9279,

■ 0.4548, 0.7627,

276.8891, 304.3288

0.8920

300.8718,
331.0796, 363.6923

■ 0.0000, 0.0000,
0.0000

■ 44.8698, 51.3484,
56.8366

■ 44.8698, 51.3484,
56.8366

■ 40.7148, 49.2489,
54.7864

■ 49.6620, 53.7782,
58.9606

■ 37.1642, 47.4587,
52.8051

■ 55.1135, 56.5456,
61.1566

■ 34.1891, 45.9642,
50.8921

■ 61.2506, 59.6655,
63.4271

■ 31.7563, 44.7484,
49.0456

■ 68.0973, 63.1503,
65.7735

■ 29.8293, 43.7924,
47.2635

■ 72.2852, 65.2634,
68.0385

■ 28.3668, 43.0751,
45.5437

■ 72.6899, 65.4253,
70.1695

■ 27.3213, 42.5718,
43.8837

■ 73.1030, 65.5905,
72.3445

■ 26.6344, 42.2524,
42.2804

■ 73.5244, 65.7591,
74.5635

■ 26.3806, 42.1376,
41.5449

■ 73.9542, 65.9310,
76.8269

Harmonies

Analogous

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



45.2311, 51.3484, 51.0615



44.8698, 51.3484, 56.8366



45.5378, 51.3484, 62.7644

Triad

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



44.8698, 51.3484, 56.8366



51.1433, 51.3484, 66.0409



50.5703, 51.3484, 46.0566

Complementary

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



44.8698, 51.3484, 56.8366



43.7537, 41.9499, 44.3214

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.



52.2251, 51.3484, 49.5732



44.8698, 51.3484, 56.8366



52.5626, 51.3484, 61.0555

Square

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



44.8698, 51.3484, 56.8366



49.1277, 51.3484, 68.3164



52.9641, 51.3484, 54.9929



48.4839, 51.3484, 45.1041

Rectangle

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



44.8698, 51.3484, 56.8366



46.4886, 51.3484, 65.9236



52.9641, 51.3484, 54.9929



51.1974, 51.3484, 46.9650

Sweetspot

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



44.8713, 51.3505, 56.8377



90.1734, 97.5253, 106.8950



43.5282, 50.9494, 43.6174



19.1594, 20.8027, 22.8202



0.0000, 0.0000, 0.0000



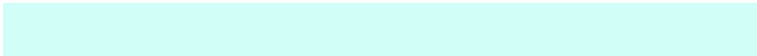
20.3446, 21.4041, 23.3091

Same Dimension

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



44.8713, 51.3505, 56.8377



78.9249, 91.8267, 101.8409



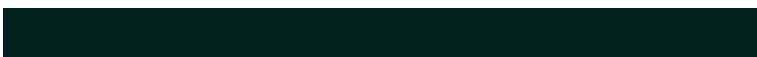
43.3557, 47.4232, 59.0955



10.2941, 11.3987, 12.5520



16.9773, 27.0850, 26.8374



0.7531, 1.1781, 1.2628

Inverse Universe

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



43.7537, 41.9499, 44.3214



76.5573, 71.9069, 75.3220



45.0771, 45.3455, 42.4541



10.1402, 10.1047, 10.8288



14.8229, 7.6189, 1.7134



0.6623, 0.3379, 0.1890

Previews

White Background



This preview shows how the XYZ color 44.8698, 51.3484, 56.8366 looks on a white background.

Color Contrast Check

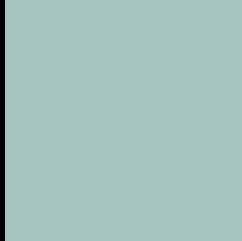
Large Text (above 18pt) WCAG AA × Fail

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 44.8698, 51.3484, 56.8366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

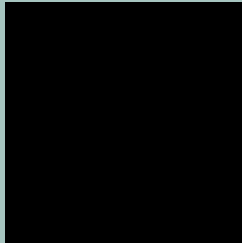
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

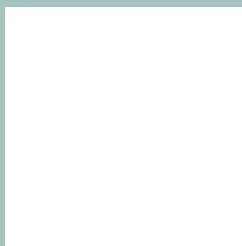
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.8698, 51.3484, 56.8366

Background



This preview shows how black text looks on a background with the XYZ color 44.8698, 51.3484, 56.8366.

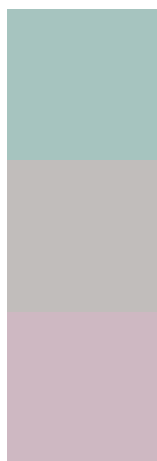


This preview shows how white text looks on a background with the XYZ color 44.8698, 51.3484,

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

44.8698, 51.3484, 56.8366

Protanopia

49.1596, 51.3205, 54.3286

Deuteranopia

52.3317, 51.2978, 58.1822



Tritanopia

46.9408, 51.1784, 67.7260

Trichromacy



Original Color

44.8698, 51.3484, 56.8366

Protanomaly

47.4552, 51.3974, 54.9965

Deuteranomaly

49.0947, 50.8931, 57.6879

Tritanomaly

46.1009, 51.1727, 63.3247

Monochromacy



Original Color

44.8698, 51.3484, 56.8366

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

46.0810, 50.0415, 54.8072

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.8698, 51.3484, 56.8366 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(166, 196, 191)` looks like.

```
.text, #text, p{  
    color:rgb(166, 196, 191)  
}
```

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(166, 196, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 196, 191) }
```

Border

The CSS property to change the border of an element to XYZ 44.8698, 51.3484, 56.8366 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(166, 196, 191) }
```


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

```
.border{ border-color:rgb(166, 196, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 196, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 196, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 196, 191);  
box-shadow:4px 4px 4px 4px rgb(166, 196,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 44.8698, 51.3484, 56.8366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 196, 191) }
```

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

```
.background{ background-color: rgb(166,  
196, 191) }
```

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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