

Converting Colors

XYZ(46.4330, 52.9247, 56.9608)

Have a look what the booklet for
XYZ(46.4330, 52.9247, 56.9608)
contains.

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Color

**XYZ(46.3926, 52.8077,
57.0380)**

Conversions

Conversions Part 1

Format	Color
Hex	ABC6BF
RGB	171, 198, 191
RGB Percent	67%, 78%, 75%
CMY	0.3294, 0.2235, 0.2510
CMYK	0.14, 0.00, 0.04, 0.22
HSL	164°, 19%, 72%
HSV	164°, 14%, 78%
XYZ	46.3926, 52.8077, 57.0380
YIQ	189.1290, -13.8450, -7.9010

Conversions

Conversions Part 2

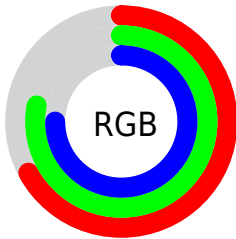
Format	Color
RYB	171, 187, 198
Decimal	11257535
CIELab	77.76, -10.47, 0.43
CIELCh	78, 10.476, 177.632
Yxy	52.8077, 0.2969, 0.3380
Android (android.graphics.Color)	4289447615 (0xFFABC6BF)
YUV	189.1290, 0.9224, -15.8991
Hunter-Lab	72.6689, -13.2143, 4.3314

Details

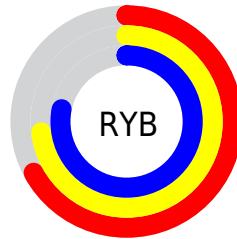
The XYZ color **46.3926, 52.8077, 57.0380** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.8893, 44.3472, 48.2630**, and the grayscale version is **48.4453, 50.9683, 55.5044**.

A 20% lighter version of the original color is **84.2271, 94.5663, 101.8096**, and **22.1685, 25.7034, 27.8376** is the 20% darker color. If you saturate the color by 10%, you get **41.8436, 50.5282, 53.9275**, and if you desaturate by 10%, it is **51.6105, 55.4326, 60.2854**.

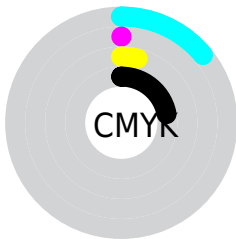
Distribution



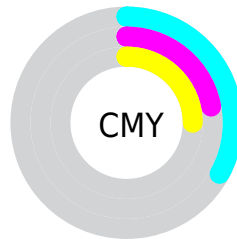
- Red (67%)
- Green (78%)
- Blue (75%)



- Red (67%)
- Yellow (73%)
- Blue (78%)



- Cyan (14%)
- Magenta (0%)
- Yellow (4%)
- Black (22%)



- Cyan (33%)
- Magenta (22%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.3926, 52.8077, 57.0380 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 46.3926, 52.8077, 57.0380 by changing the saturation by 10% instead.

■ 46.3926, 52.8077,
57.0380

■ 46.3926, 52.8077,
57.0380

363.0743,
397.5469, 431.0894

■ 32.7617, 37.6493,
40.6262

■ 84.0305, 94.3213,
102.0215

■ 22.1023, 25.7106,
27.7096

108.7682,
121.4454, 131.4303

■ 14.0491, 16.6073,
17.8697

137.9389,
153.3267, 166.0085

■ 8.2368, 9.9549,
10.6880

171.9079,
190.3497, 206.1746

■ 4.2999, 5.3690,
5.7460

211.0406,
232.8989, 252.3472

■ 1.8732, 2.4654,
2.6249

255.7023,

■ 0.5612, 0.8592,

281.3585, 304.9449

0.9053

306.2585,
336.1131, 364.3861

■ 0.0000, 0.0000,
0.0000

■ 46.3926, 52.8077,
57.0380

■ 46.3926, 52.8077,
57.0380

■ 41.8436, 50.5282,
53.9275

■ 51.6105, 55.4326,
60.2854

■ 37.9303, 48.5727,
50.9481

■ 57.5198, 58.4102,
63.6686

■ 34.6230, 46.9274,
48.0983

■ 64.1476, 61.7559,
67.1909

■ 31.8882, 45.5750,
45.3757

■ 71.5181, 65.4821,
70.8544

■ 29.6888, 44.4964,
42.7772

■ 73.9174, 66.6431,
74.3928

■ 27.9834, 43.6703,
40.2999

■ 74.5947, 66.9140,
77.9590

■ 26.7243, 43.0721,
37.9404

■ 75.2928, 67.1933,
81.6356

■ 25.8539, 42.6722,
35.6949

■ 76.0122, 67.4810,
85.4235

■ 25.4345, 42.4859,
34.3218

■ 76.7528, 67.7773,
89.3237

Harmonies

Analogous

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



46.9672, 52.8077, 51.7197



46.3926, 52.8077, 57.0380



46.8131, 52.8077, 62.8402

Triad

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



46.3926, 52.8077, 57.0380



52.0242, 52.8077, 67.9810



52.3107, 52.8077, 48.5648

Complementary

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



46.3926, 52.8077, 57.0380



45.8893, 44.3472, 48.2630

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.



53.7300, 52.8077, 52.4687



46.3926, 52.8077, 57.0380



53.5614, 52.8077, 63.6927

Square

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



46.3926, 52.8077, 57.0380



50.0310, 52.8077, 69.4056



54.1937, 52.8077, 57.9617



50.3536, 52.8077, 47.0378

Rectangle

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



46.3926, 52.8077, 57.0380



47.6076, 52.8077, 66.1589



54.1937, 52.8077, 57.9617



52.8685, 52.8077, 49.6291

Sweetspot

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



46.3941, 52.8099, 57.0392



90.9734, 97.9473, 106.5014



45.9524, 52.8194, 46.3020



19.3128, 20.8846, 22.7001



0.0000, 0.0000, 0.0000



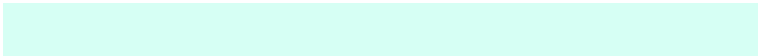
20.3446, 21.4041, 23.3091

Same Dimension

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



46.3941, 52.8099, 57.0392



79.9428, 92.4034, 99.5441



45.7731, 50.3048, 60.7260



10.8247, 12.0188, 13.0271



16.5763, 27.6429, 22.5113



0.8133, 1.3202, 1.2153

Inverse Universe

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



45.8893, 44.3472, 48.2630



78.8980, 74.8787, 81.3723



46.4225, 46.5104, 45.0594



10.7449, 10.6813, 11.6399



15.5690, 7.9772, 2.9402



0.7679, 0.3900, 0.3007

Previews

White Background



This preview shows how the XYZ color 46.3926, 52.8077, 57.0380 looks on a white background.

Color Contrast Check

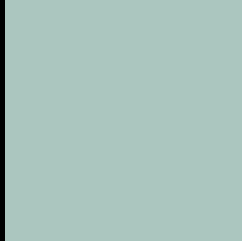
Large Text (above 18pt) WCAG AA × Fail

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 46.3926, 52.8077, 57.0380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

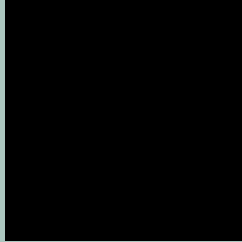
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.3926, 52.8077, 57.0380

Background



This preview shows how black text looks on a background with the XYZ color 46.3926, 52.8077, 57.0380.



This preview shows how white text looks on a background with the XYZ color 46.3926, 52.8077,

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

46.3926, 52.8077, 57.0380

Protanopia

50.3654, 52.5852, 54.5091

Deuteranopia

53.4790, 52.5234, 57.7715



Tritanopia

48.7285, 52.7320, 69.2380

Trichromacy



Original Color

46.3926, 52.8077, 57.0380

Protanomaly

48.8624, 52.7792, 55.1890

Deuteranomaly

50.4336, 52.2348, 57.2934

Tritanomaly

47.8726, 52.7237, 64.7803

Monochromacy



Original Color

46.3926, 52.8077, 57.0380

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

47.4353, 51.3621, 56.1290

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.3926, 52.8077, 57.0380 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(171, 198, 191)` looks like.

```
.text, #text, p{  
    color:rgb(171, 198, 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(171, 198, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 198, 191) }
```

Border

The CSS property to change the border of an element to XYZ 46.3926, 52.8077, 57.0380 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(171, 198, 191) }
```


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

```
.border{ border-color:rgb(171, 198, 191) }
```

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

Here you see how a box with a 4 pixel rgb(171, 198, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 198, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 198, 191);  
box-shadow:4px 4px 4px 4px rgb(171, 198,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 46.3926, 52.8077, 57.0380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 198, 191) }
```

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

```
.background{ background-color: rgb(171,  
198, 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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