

Converting Colors

XYZ(40.3521, 48.1188, 56.3982)

Have a look what the booklet for
XYZ(40.3521, 48.1188, 56.3982)
contains.

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Color

**XYZ(40.3280, 48.0125,
56.4320)**

Conversions

Conversions Part 1

Format	Color
Hex	92C1BF
RGB	146, 193, 191
RGB Percent	57%, 76%, 75%
CMY	0.4274, 0.2431, 0.2510
CMYK	0.24, 0.00, 0.01, 0.24
HSL	177°, 27%, 66%
HSV	177°, 24%, 76%
XYZ	40.3280, 48.0125, 56.4320
YIQ	178.7190, -27.3700, -10.5860

Conversions

Conversions Part 2

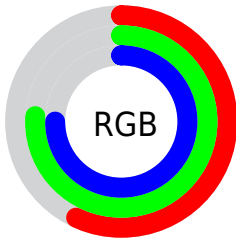
Format	Color
RYB	146, 170, 193
Decimal	9617855
CIELab	74.83, -15.80, -4.04
CIElCh	75, 16.314, 194.350
Yxy	48.0125, 0.2786, 0.3316
Android (android.graphics.Color)	4287807935 (0xFF92C1BF)
YUV	178.7190, 6.0545, -28.6946
Hunter-Lab	69.2911, -17.3708, 0.2168

Details

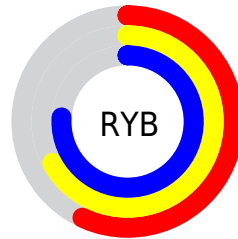
The XYZ color **40.3280, 48.0125, 56.4320** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.6182, 34.0347, 32.6057**, and the grayscale version is **42.6785, 44.9012, 48.8974**.

A 20% lighter version of the original color is **75.0615, 87.5041, 100.9295**, and **18.4362, 22.6799, 27.4507** is the 20% darker color. If you saturate the color by 10%, you get **37.0927, 46.3563, 55.8105**, and if you desaturate by 10%, it is **44.1458, 49.9714, 57.0855**.

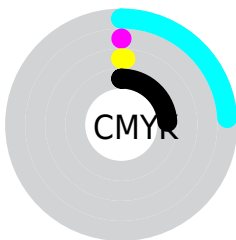
Distribution



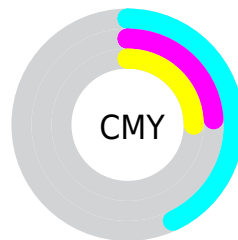
- Red (57%)
- Green (76%)
- Blue (75%)



- Red (57%)
- Yellow (67%)
- Blue (76%)



- Cyan (24%)
- Magenta (0%)
- Yellow (1%)
- Black (24%)



- Cyan (43%)
- Magenta (24%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.3280, 48.0125, 56.4320 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 40.3280, 48.0125, 56.4320 by changing the saturation by 10% instead.

■ 40.3280, 48.0125,
56.4320

■ 40.3280, 48.0125,
56.4320

338.6149,
378.8417, 428.7515

■ 27.9797, 33.8368,
40.1431

■ 74.9439, 87.2230,
101.1280

■ 18.4508, 22.7682,
27.3355

■ 97.9422, 113.0266,
130.3722

■ 11.3757, 14.4225,
17.5907

125.2213,
143.4749, 164.7718

■ 6.3893, 8.4151,
10.4901

157.1464,
178.9524, 204.7455

■ 3.1261, 4.3617,
5.6153

194.0830,
219.8434, 250.7118

■ 1.2208, 1.8779,
2.5476

236.3963,

■ 0.1227, 0.5350,

266.5324, 303.0892

0.8652

284.4518,
319.4037, 362.2962

■ 0.0000, 0.0000,
0.0000

■ 40.3280, 48.0125,
56.4320

■ 40.3280, 48.0125,
56.4320

■ 37.0927, 46.3563,
55.8105

■ 44.1458, 49.9714,
57.0855

■ 34.4067, 44.9820,
55.2163

■ 48.5689, 52.2411,
57.7689

■ 32.2397, 43.8752,
54.6491

■ 53.6242, 54.8365,
58.4845

■ 30.5570, 43.0180,
54.1072

■ 59.3354, 57.7701,
59.2336

■ 29.3195, 42.3902,
53.5887

■ 65.7252, 61.0534,
60.0170

■ 28.4822, 41.9687,
53.0916

■ 70.2672, 63.3842,
60.7167

■ 27.9904, 41.7252,
52.6133

■ 70.3611, 63.4217,
61.2108

■ 27.8046, 41.6351,
52.3487

■ 70.4554, 63.4594,
61.7077

■ 70.5503, 63.4974,
62.2073

Harmonies

Analogous

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



40.3589, 48.0125, 47.9930



40.3280, 48.0125, 56.4320



41.6756, 48.0125, 64.5497

Triad

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



40.3280, 48.0125, 56.4320



49.7394, 48.0125, 64.8518



47.1907, 48.0125, 38.0711

Complementary

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



40.3280, 48.0125, 56.4320



37.6182, 34.0347, 32.6057

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.



49.8364, 48.0125, 41.6685



40.3280, 48.0125, 56.4320



51.3508, 48.0125, 56.8096

Square

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



40.3280, 48.0125, 56.4320



47.0629, 48.0125, 69.7561



51.3871, 48.0125, 48.3320



44.2352, 48.0125, 37.9935

Rectangle

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



40.3280, 48.0125, 56.4320



43.2094, 48.0125, 68.4311



51.3871, 48.0125, 48.3320



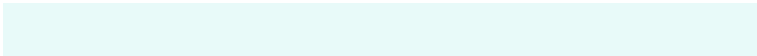
48.1486, 48.0125, 38.8898

Sweetspot

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



40.3294, 48.0145, 56.4331



84.6886, 92.3823, 103.1171



36.5359, 46.5458, 34.2537



18.0628, 19.7648, 22.1060



92.9021, 97.7402, 106.4391



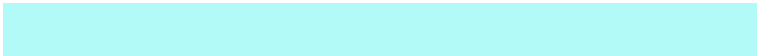
19.4759, 20.4902, 22.3138

Same Dimension

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



40.3294, 48.0145, 56.4331



69.1434, 84.4105, 100.4926



36.2051, 39.4108, 56.1531



10.3494, 11.4208, 12.8433



18.5003, 27.6942, 34.8574



0.8052, 1.1989, 1.5369

Inverse Universe

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



37.6182, 34.0347, 32.6057



63.4865, 55.2359, 50.7720



41.0285, 41.1069, 32.9671



10.0902, 10.0847, 10.5655



14.6650, 7.5558, 0.8820



0.6397, 0.3289, 0.0703

Previews

White Background



This preview shows how the XYZ color 40.3280, 48.0125, 56.4320 looks on a white background.

Color Contrast Check

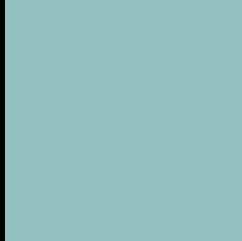
Large Text (above 18pt) WCAG AA × Fail

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 40.3280, 48.0125, 56.4320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

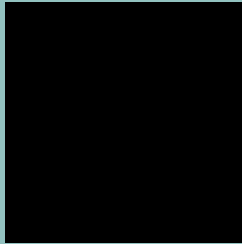
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.3280, 48.0125, 56.4320

Background



This preview shows how black text looks on a background with the XYZ color 40.3280, 48.0125, 56.4320.

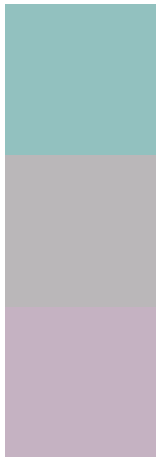


This preview shows how white text looks on a background with the XYZ color 40.3280, 48.0125,

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

40.3280, 48.0125, 56.4320

Protanopia

45.9401, 47.8089, 52.7057

Deuteranopia

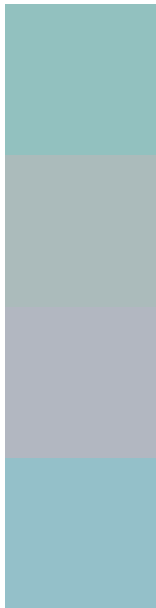
48.6840, 47.6061, 57.6619



Tritanopia

42.1658, 48.1074, 65.4558

Trichromacy



Original Color

40.3280, 48.0125, 56.4320

Protanomaly

43.5346, 47.7864, 53.9429

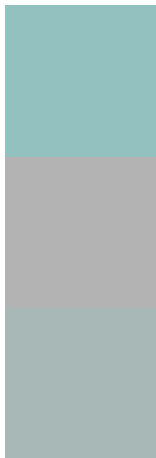
Deuteranomaly

44.9192, 47.1822, 57.1917

Tritanomaly

41.6050, 48.2122, 62.3714

Monochromacy



Original Color

40.3280, 48.0125, 56.4320

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

41.6241, 45.9154, 51.4685

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.3280, 48.0125, 56.4320 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(146, 193, 191)` looks like.

```
.text, #text, p{  
    color:rgb(146, 193, 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(146, 193, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 193, 191) }
```

Border

The CSS property to change the border of an element to XYZ 40.3280, 48.0125, 56.4320 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(146, 193, 191) }
```


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

```
.border{ border-color:rgb(146, 193, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 193, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 193, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 193, 191);  
box-shadow:4px 4px 4px 4px rgb(146, 193,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 40.3280, 48.0125, 56.4320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 193, 191) }
```

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

```
.background{ background-color: rgb(146,  
193, 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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