

Converting Colors

XYZ(40.0189, 47.4644, 56.0841)

Have a look what the booklet for
XYZ(40.0189, 47.4644, 56.0841)
contains.

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Color

**XYZ(40.1077, 47.5719,
56.3586)**

Conversions

Conversions Part 1

Format	Color
Hex	92C0BF
RGB	146, 192, 191
RGB Percent	57%, 75%, 75%
CMY	0.4274, 0.2470, 0.2510
CMYK	0.24, 0.00, 0.01, 0.25
HSL	179°, 27%, 66%
HSV	179°, 24%, 75%
XYZ	40.1077, 47.5719, 56.3586
YIQ	178.1320, -27.0950, -10.0630

Conversions

Conversions Part 2

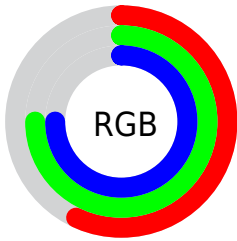
Format	Color
RYB	146, 169, 192
Decimal	9617599
CIELab	74.55, -15.29, -4.45
CIElCh	75, 15.925, 196.242
Yxy	47.5719, 0.2785, 0.3303
Android (android.graphics.Color)	4287807679 (0xFF92C0BF)
YUV	178.1320, 6.3439, -28.1798
Hunter-Lab	68.9724, -16.9033, -0.1663

Details

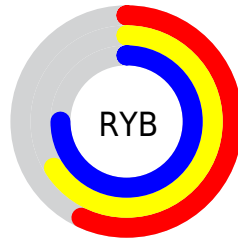
The XYZ color **40.1077, 47.5719, 56.3586** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.2853, 33.8722, 32.1786**, and the grayscale version is **42.3657, 44.5720, 48.5389**.

A 20% lighter version of the original color is **74.4433, 86.2677, 100.7234**, and **18.2920, 22.3916, 27.4027** is the 20% darker color. If you saturate the color by 10%, you get **36.9315, 45.9411, 55.9709**, and if you desaturate by 10%, it is **43.8600, 49.5022, 56.7760**.

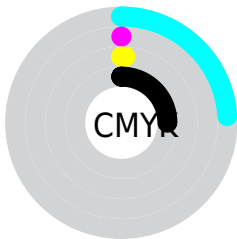
Distribution



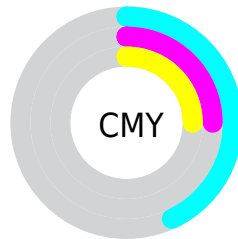
- Red (57%)
- Green (75%)
- Blue (75%)



- Red (57%)
- Yellow (66%)
- Blue (75%)



- Cyan (24%)
- Magenta (0%)
- Yellow (1%)
- Black (25%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.1077, 47.5719, 56.3586 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 40.1077, 47.5719, 56.3586 by changing the saturation by 10% instead.

■ 40.1077, 47.5719,
56.3586

■ 40.1077, 47.5719,
56.3586

337.7039,
377.0927, 428.4677

■ 27.8071, 33.4880,
40.0846

■ 74.6108, 86.5667,
101.0197

■ 18.3200, 22.5005,
27.2902

■ 97.5440, 112.2463,
130.2439

■ 11.2811, 14.2252,
17.5569

124.7521,
142.5600, 164.6219

■ 6.3249, 8.2774,
10.4662

156.6005,
177.8921, 204.5722

■ 3.0862, 4.2730,
5.5995

193.4545,
218.6270, 250.5134

■ 1.1995, 1.8274,
2.5383

235.6795,

■ 0.1060, 0.5042,

265.1492, 302.8640

0.8604

283.6409,
317.8429, 362.0426

■ 0.0000, 0.0000,
0.0000

■ 40.1077, 47.5719,
56.3586

■ 40.1077, 47.5719,
56.3586

■ 36.9315, 45.9411,
55.9709

■ 43.8600, 49.5022,
56.7760

■ 34.2987, 44.5891,
55.6083

■ 48.2109, 51.7398,
57.2210

■ 32.1796, 43.5019,
55.2704

■ 53.1867, 54.2996,
57.6960

■ 30.5399, 42.6619,
54.9557

■ 58.8110, 57.1936,
58.2021

■ 29.3413, 42.0493,
54.6623

■ 65.1060, 60.4334,
58.7402

■ 28.5397, 41.6412,
54.3881

■ 69.7734, 62.8341,
59.2028

■ 28.0815, 41.4102,
54.1307

■ 69.8203, 62.8529,
59.4499

■ 27.9081, 41.3240,
53.9803

■ 69.8673, 62.8717,
59.6977

■ 69.9145, 62.8906,
59.9462

Harmonies

Analogous

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



40.0504, 47.5719, 48.1191



40.1077, 47.5719, 56.3586



41.4951, 47.5719, 64.1096

Triad

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



40.1077, 47.5719, 56.3586



49.3319, 47.5719, 63.5510



46.5446, 47.5719, 37.8775

Complementary

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



40.1077, 47.5719, 56.3586



37.2853, 33.8722, 32.1786

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.



49.1522, 47.5719, 41.1725



40.1077, 47.5719, 56.3586



50.8070, 47.5719, 55.6592

Square

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



40.1077, 47.5719, 56.3586



46.7813, 47.5719, 68.5536



50.7399, 47.5719, 47.4898



43.6853, 47.5719, 38.0221

Rectangle

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



40.1077, 47.5719, 56.3586



43.0225, 47.5719, 67.7007



50.7399, 47.5719, 47.4898



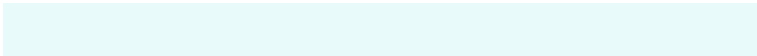
47.4821, 47.5719, 38.6032

Sweetspot

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



40.1091, 47.5738, 56.3597



84.7455, 92.4051, 103.4167



36.1679, 46.0291, 34.1733



18.0760, 19.7701, 22.1757



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.



40.1091, 47.5738, 56.3597



69.3770, 84.5039, 101.7222



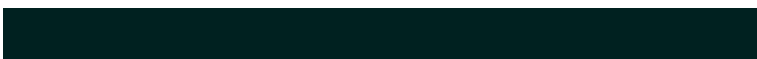
35.8448, 38.8682, 55.4845



10.3588, 11.4246, 12.8925



18.7823, 27.8070, 36.3423



0.8146, 1.2027, 1.5864

Inverse Universe

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



37.2853, 33.8722, 32.1786



63.3331, 55.1746, 49.9640



40.8326, 41.0922, 32.9746



10.0819, 10.0814, 10.5218



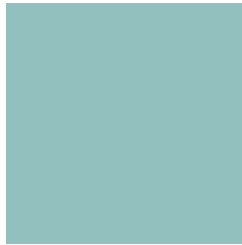
14.6467, 7.5484, 0.7856



0.6360, 0.3274, 0.0504

Previews

White Background



This preview shows how the XYZ color 40.1077, 47.5719, 56.3586 looks on a white background.

Color Contrast Check

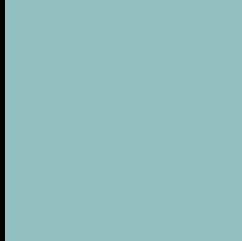
Large Text (above 18pt) WCAG AA × Fail

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 40.1077, 47.5719, 56.3586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

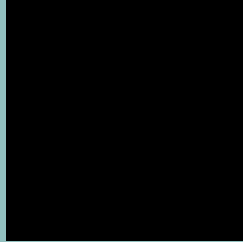
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.1077, 47.5719, 56.3586

Background



This preview shows how black text looks on a background with the XYZ color 40.1077, 47.5719, 56.3586.

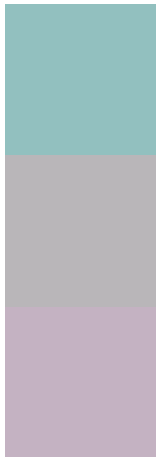


This preview shows how white text looks on a background with the XYZ color 40.1077, 47.5719,

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

40.1077, 47.5719, 56.3586

Protanopia

45.4925, 47.2730, 52.6258

Deuteranopia

48.4229, 47.4716, 57.6497



Tritanopia

41.8273, 47.6243, 64.7455

Trichromacy



Original Color

40.1077, 47.5719, 56.3586

Protanomaly

43.3231, 47.3636, 53.8724

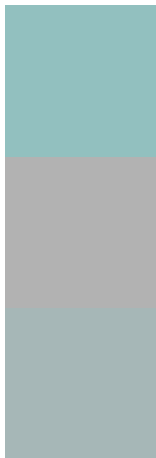
Deuteranomaly

44.9192, 47.1822, 57.1917

Tritanomaly

41.2689, 47.7276, 61.6808

Monochromacy



Original Color

40.1077, 47.5719, 56.3586

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

41.2066, 45.3929, 51.3896

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.1077, 47.5719, 56.3586 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, 192, 191)` looks like.

```
.text, #text, p{  
    color:rgb(146, 192, 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, 192, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 192, 191) }
```

Border

The CSS property to change the border of an element to XYZ 40.1077, 47.5719, 56.3586 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, 192, 191) }
```


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

```
.border{ border-color:rgb(146, 192, 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, 192, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 192, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 192, 191);  
box-shadow:4px 4px 4px 4px rgb(146, 192,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 40.1077, 47.5719, 56.3586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 192, 191) }
```

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

```
.background{ background-color: rgb(146,  
192, 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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