

Converting Colors

XYZ(36.4562, 41.0434, 58.6995)

Have a look what the booklet for
XYZ(36.4562, 41.0434, 58.6995)
contains.

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Color

**XYZ(36.4476, 40.9645,
58.8093)**

Conversions

Conversions Part 1

Format	Color
Hex	8BB1C5
RGB	139, 177, 197
RGB Percent	55%, 69%, 77%
CMY	0.4549, 0.3059, 0.2274
CMYK	0.29, 0.10, 0.00, 0.23
HSL	201°, 33%, 66%
HSV	201°, 29%, 77%
XYZ	36.4476, 40.9645, 58.8093
YIQ	167.9180, -29.0680, -1.8360

Conversions

Conversions Part 2

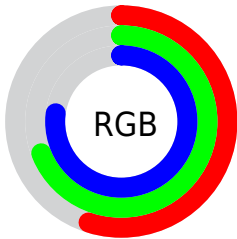
Format	Color
RYB	139, 162, 197
Decimal	9155013
CIELab	70.15, -8.08, -14.34
CIELCh	70, 16.462, 240.589
Yxy	40.9645, 0.2676, 0.3007
Android (android.graphics.Color)	4287345093 (0xFF8BB1C5)
YUV	167.9180, 14.3374, -25.3611
Hunter-Lab	64.0035, -10.3571, -9.6758

Details

The XYZ color **36.4476, 40.9645, 58.8093** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.0847, 38.5308, 29.7514**, and the grayscale version is **37.1223, 39.0556, 42.5315**.

A 20% lighter version of the original color is **69.2764, 76.9029, 104.9584**, and **16.0961, 18.4247, 28.6946** is the 20% darker color. If you saturate the color by 10%, you get **32.1418, 36.8033, 58.2337**, and if you desaturate by 10%, it is **41.4154, 45.5681, 59.4367**.

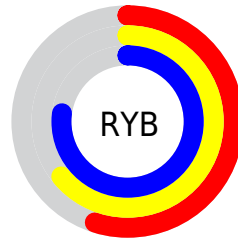
Distribution



Red (55%)

Green (69%)

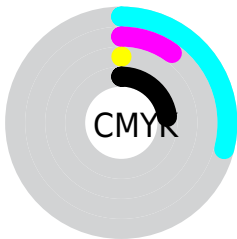
Blue (77%)



Red (55%)

Yellow (64%)

Blue (77%)

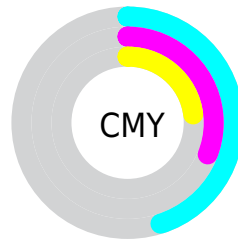


Cyan (29%)

Magenta (10%)

Yellow (0%)

Black (23%)



Cyan (45%)

Magenta (31%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.4476, 40.9645, 58.8093 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 36.4476, 40.9645, 58.8093 by changing the saturation by 10% instead.

■ 36.4476, 40.9645,
58.8093

■ 36.4476, 40.9645,
58.8093

322.3099,
350.1722, 437.8770

■ 24.9518, 28.2913,
42.0406

■ 69.0417, 76.6300,
104.6268

■ 16.1697, 18.5454,
28.8073

■ 90.8708, 100.3911,
134.5128

■ 9.7359, 11.3423,
18.6908

■ 116.8749,
128.6171, 169.6083

■ 5.2851, 6.2975,
11.2725

147.4195,
161.6922, 210.3318

■ 2.4520, 3.0268,
6.1340

182.8700,
200.0008, 257.1018

■ 0.8711, 1.1458,
2.8566

223.5917,

■ 0.0000, 0.0167,

243.9275, 310.3371

1.0219

269.9498,
293.8565, 370.4559

■ 0.0000, 0.0000,
0.0000

■ 36.4476, 40.9645,
58.8093

■ 36.4476, 40.9645,
58.8093

■ 32.1418, 36.8033,
58.2337

■ 41.4154, 45.5681,
59.4367

■ 28.4615, 33.0613,
57.7054

■ 47.0719, 50.6263,
60.1149

■ 25.3720, 29.7202,
57.2234

■ 53.4468, 56.1567,
60.8464

■ 22.8337, 26.7579,
56.7854

■ 60.5667, 62.1745,
61.6327

■ 20.8016, 24.1499,
56.3891

■ 68.4571, 68.6940,
62.4752

■ 19.2225, 21.8671,
56.0317

■ 76.3269, 75.3088,
63.3372

■ 18.0025, 19.8595,
55.7085

■ 78.1221, 78.8991,
63.9356

■ 17.9386, 19.7520,
55.6911

■ 79.9902, 82.6353,
64.5583

■ 81.9322, 86.5193,
65.2056

Harmonies

Analogous

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



34.6459, 40.9645, 52.5835



36.4476, 40.9645, 58.8093



38.9887, 40.9645, 61.1366

Triad

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



36.4476, 40.9645, 58.8093



44.3464, 40.9645, 44.4512



36.3595, 40.9645, 33.0164

Complementary

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



36.4476, 40.9645, 58.8093



40.0847, 38.5308, 29.7514

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.



38.8824, 40.9645, 31.3569



36.4476, 40.9645, 58.8093



43.5654, 40.9645, 37.4745

Square

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



36.4476, 40.9645, 58.8093



43.6228, 40.9645, 52.2896



41.5342, 40.9645, 32.8919



34.5967, 40.9645, 37.7099

Rectangle

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



36.4476, 40.9645, 58.8093



40.7850, 40.9645, 59.9762



41.5342, 40.9645, 32.8919



37.1428, 40.9645, 32.1112

Sweetspot

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



36.4489, 40.9661, 58.8102



84.6323, 90.9589, 107.7040



36.8148, 47.9024, 39.8050



17.7762, 19.1704, 23.0133



0.0000, 0.0000, 0.0000



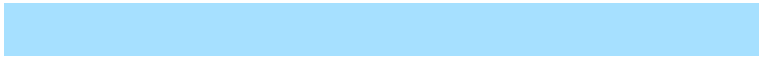
20.3446, 21.4041, 23.3091

Same Dimension

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



36.4489, 40.9661, 58.8102



60.4403, 68.7336, 104.6891



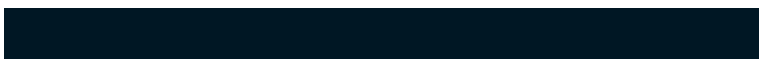
31.4211, 30.9106, 57.1343



10.6270, 11.4280, 13.5632



11.8792, 13.1523, 36.6569



0.6281, 0.7540, 1.7576

Inverse Universe

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



40.1954, 33.5108, 45.9466



68.3162, 53.8358, 77.4735



45.5280, 49.4174, 31.5658



10.9217, 10.7521, 12.5711



17.7954, 8.8677, 14.6643



0.8757, 0.4331, 0.8688

Previews

White Background



This preview shows how the XYZ color 36.4476, 40.9645, 58.8093 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 36.4476, 40.9645, 58.8093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

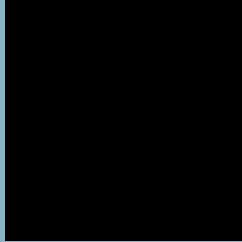
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.4476, 40.9645, 58.8093

Background



This preview shows how black text looks on a background with the XYZ color 36.4476, 40.9645, 58.8093.



This preview shows how white text looks on a background with the XYZ color 36.4476, 40.9645,

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

36.4476, 40.9645, 58.8093

Protanopia

40.0376, 40.8801, 55.6496

Deuteranopia

41.5831, 40.7596, 59.7086



Tritanopia

35.9161, 41.0498, 55.8996

Trichromacy



Original Color

36.4476, 40.9645, 58.8093

Protanomaly

38.5858, 40.9503, 56.9094

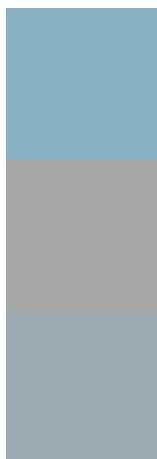
Deuteranomaly

39.4539, 40.7801, 59.2180

Tritanomaly

36.1392, 41.1391, 57.0748

Monochromacy



Original Color

36.4476, 40.9645, 58.8093

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

36.6042, 39.5486, 48.3522

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.4476, 40.9645, 58.8093 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(139, 177, 197)` looks like.

```
.text, #text, p{  
    color:rgb(139, 177, 197)  
}
```

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(139, 177, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 177, 197) }
```

Border

The CSS property to change the border of an element to XYZ 36.4476, 40.9645, 58.8093 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(139, 177, 197) }
```


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

```
.border{ border-color:rgb(139, 177, 197) }
```

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

Here you see how a box with a 4 pixel rgb(139, 177, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 177, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 177, 197);  
box-shadow:4px 4px 4px 4px rgb(139, 177,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 36.4476, 40.9645, 58.8093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 177, 197) }
```

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

```
.background{ background-color: rgb(139,  
177, 197) }
```

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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