

Converting Colors

XYZ(36.1311, 46.2688, 58.3724)

Have a look what the booklet for
XYZ(36.1311, 46.2688, 58.3724)
contains.

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Color

**XYZ(36.0815, 46.1011,
58.6265)**

Conversions

Conversions Part 1

Format	Color
Hex	72C2C3
RGB	114, 194, 195
RGB Percent	45%, 76%, 76%
CMY	0.5529, 0.2392, 0.2353
CMYK	0.42, 0.01, 0.00, 0.24
HSL	181°, 40%, 61%
HSV	181°, 42%, 76%
XYZ	36.0815, 46.1011, 58.6265
YIQ	170.1940, -48.0010, -16.6490

Conversions

Conversions Part 2

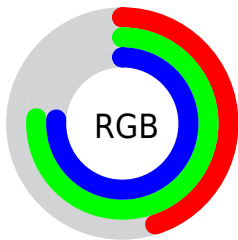
Format	Color
RYB	114, 154, 195
Decimal	7520963
CIELab	73.61, -24.22, -8.21
CIELCh	74, 25.571, 198.718
Yxy	46.1011, 0.2562, 0.3274
Android (android.graphics.Color)	4285711043 (0xFF72C2C3)
YUV	170.1940, 12.2294, -49.2821
Hunter-Lab	67.8978, -23.9646, -3.6656

Details

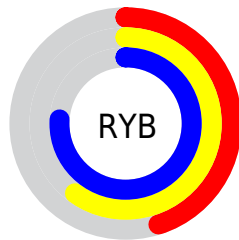
The XYZ color **36.0815, 46.1011, 58.6265** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **31.6743, 25.0790, 19.0918**, and the grayscale version is **38.2644, 40.2571, 43.8400**.

A 20% lighter version of the original color is **68.6454, 84.5687, 104.8009**, and **15.9307, 21.5788, 28.5248** is the 20% darker color. If you saturate the color by 10%, you get **33.7574, 44.8248, 58.5034**, and if you desaturate by 10%, it is **38.9491, 47.6599, 58.7770**.

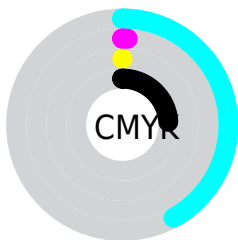
Distribution



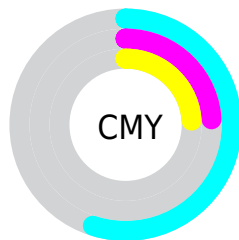
- Red (45%)
- Green (76%)
- Blue (76%)



- Red (45%)
- Yellow (60%)
- Blue (76%)



- Cyan (42%)
- Magenta (1%)
- Yellow (0%)
- Black (24%)



- Cyan (55%)
- Magenta (24%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.0815, 46.1011, 58.6265 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 36.0815, 46.1011, 58.6265 by changing the saturation by 10% instead.

■ 36.0815, 46.1011,
58.6265

■ 36.0815, 46.1011,
58.6265

320.7417,
371.2150, 437.1797

■ 24.6675, 32.3256,
41.8945

■ 68.4809, 84.3703,
104.3584

■ 15.9569, 21.6103,
28.6937

■ 90.1970, 109.6328,
134.1954

■ 9.5843, 13.5709,
18.6057

■ 116.0780,
139.4930, 169.2378

■ 5.1844, 7.8228,
11.2118

146.4890,
174.3355, 209.9041

■ 2.3917, 3.9818,
6.0935

181.7956,
214.5445, 256.6129

■ 0.8410, 1.6634,
2.8323

222.3629,

■ 0.0000, 0.3998,

260.5045, 309.7827

1.0097

268.5565,
312.5998, 369.8321

■ 0.0000, 0.0000,
0.0000

■ 36.0815, 46.1011,
58.6265

■ 36.0815, 46.1011,
58.6265

■ 33.7574, 44.8248,
58.5034

■ 38.9491, 47.6599,
58.7770

■ 31.9381, 43.8077,
58.4030

■ 42.3877, 49.5122,
58.9533

■ 30.5862, 43.0317,
58.3245

■ 46.4278, 51.6747,
59.1578

■ 29.6575, 42.4740,
58.2658

■ 51.0968, 54.1614,
59.3917

■ 29.0991, 42.1073,
58.2244

■ 56.4200, 56.9856,
59.6563

■ 28.8319, 41.9030,
58.1991

■ 62.4217, 60.1597,
59.9526

■ 69.1247, 63.6955,
60.2818

■ 70.8136, 64.6465,
60.3763

■ 70.8678, 64.7549,
60.3944

Harmonies

Analogous

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



35.8255, 46.1011, 45.4763



36.0815, 46.1011, 58.6265



38.3232, 46.1011, 71.3511

Triad

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



36.0815, 46.1011, 58.6265



50.6881, 46.1011, 68.5008



45.5425, 46.1011, 29.5071

Complementary

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



36.0815, 46.1011, 58.6265



31.6743, 25.0790, 19.0918

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.



49.8138, 46.1011, 33.7001



36.0815, 46.1011, 58.6265



52.9181, 46.1011, 55.2320

Square

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



36.0815, 46.1011, 58.6265



46.6701, 46.1011, 77.6948



52.5875, 46.1011, 42.6156



41.0840, 46.1011, 30.0980

Rectangle

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



36.0815, 46.1011, 58.6265



40.7343, 46.1011, 77.1853



52.5875, 46.1011, 42.6156



47.0529, 46.1011, 30.3701

Sweetspot

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



36.0829, 46.1029, 58.6276



82.6486, 92.2801, 105.9256



29.4927, 43.8234, 22.8249



17.8760, 20.0892, 23.1854



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.



36.0829, 46.1029, 58.6276



60.7438, 80.4382, 104.7944



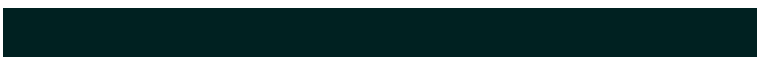
28.4290, 30.7952, 56.0763



10.3576, 11.4065, 12.9406



18.7438, 27.2440, 37.8273



0.8133, 1.1841, 1.6356

Inverse Universe

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



38.2617, 27.5328, 54.3387



65.1937, 42.7173, 95.9890



37.1822, 36.0946, 20.9278



10.4918, 10.2453, 12.6803



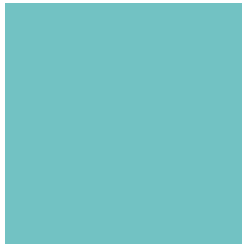
20.8570, 10.0325, 33.4884



0.9029, 0.4342, 1.4562

Previews

White Background



This preview shows how the XYZ color 36.0815, 46.1011, 58.6265 looks on a white background.

Color Contrast Check

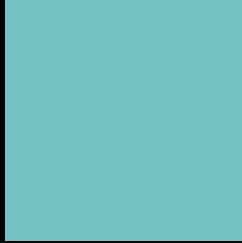
Large Text (above 18pt) WCAG AA × Fail

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 36.0815, 46.1011, 58.6265 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 36.0815, 46.1011, 58.6265

Background



This preview shows how black text looks on a background with the XYZ color 36.0815, 46.1011, 58.6265.

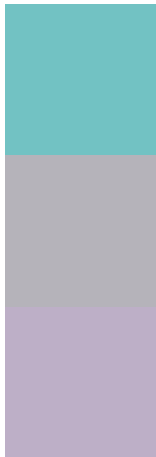


This preview shows how white text looks on a background with the XYZ color 36.0815, 46.1011,

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

36.0815, 46.1011, 58.6265

Protanopia

44.0391, 45.6091, 52.9367

Deuteranopia

46.6250, 45.6023, 60.3775



Tritanopia

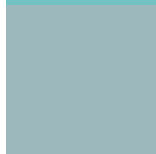
37.7060, 46.1049, 66.5863

Trichromacy



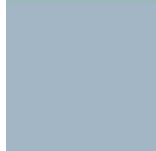
Original Color

36.0815, 46.1011, 58.6265



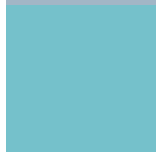
Protanomaly

40.2304, 45.1232, 54.7334



Deuteranomaly

41.8213, 45.2145, 59.9491



Tritanomaly

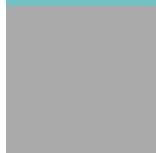
37.1856, 46.2336, 63.4640

Monochromacy



Original Color

36.0815, 46.1011, 58.6265



Achromatopsia

38.2080, 40.1978, 43.7754



Achromatomaly

36.8345, 41.9789, 48.8092

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0815, 46.1011, 58.6265 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(114, 194, 195)` looks like.

```
.text, #text, p{  
    color:rgb(114, 194, 195)  
}
```

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(114, 194, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 194, 195) }
```

Border

The CSS property to change the border of an element to XYZ 36.0815, 46.1011, 58.6265 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(114, 194, 195) }
```


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

```
.border{ border-color:rgb(114, 194, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 194, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 194, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 194, 195);  
box-shadow:4px 4px 4px 4px rgb(114, 194,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0815, 46.1011, 58.6265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 194, 195) }
```

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

```
.background{ background-color: rgb(114,  
194, 195) }
```

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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