

Converting Colors

XYZ(13.5966, 18.6406, 30.8984)

Have a look what the booklet for
XYZ(13.5966, 18.6406, 30.8984)
contains.

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Color

**XYZ(13.5966, 18.6406,
30.8984)**

Conversions

Conversions Part 1

Format	Color
Hex	008494
RGB	0, 132, 148
RGB Percent	0%, 52%, 58%
CMY	0.9999, 0.4823, 0.4196
CMYK	1.00, 0.11, 0.00, 0.42
HSL	186°, 100%, 29%
HSV	186°, 100%, 58%
XYZ	13.5966, 18.6406, 30.8984
YIQ	94.3560, -83.8080, -23.0080

Conversions

Conversions Part 2

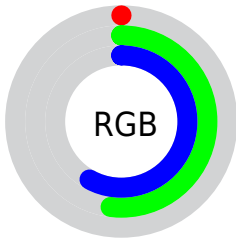
Format	Color
RYB	0, 70, 148
Decimal	33940
CIELab	50.26, -24.12, -17.18
CIELCh	50, 29.616, 215.457
Yxy	18.6406, 0.2154, 0.2952
Android (android.graphics.Color)	4278224020 (0xFF008494)
YUV	94.3560, 26.4465, -82.7502
Hunter-Lab	43.1748, -19.3426, -12.2091

Details

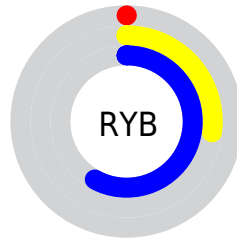
The XYZ color **13.5966, 18.6406, 30.8984** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **12.3988, 6.6675, 0.6343**, and the grayscale version is **10.6793, 11.2355, 12.2354**.

A 20% lighter version of the original color is **31.8474, 40.9406, 62.1009**, and **5.1750, 6.8977, 12.3679** is the 20% darker color. If you saturate the color by 10%, you get **13.5964, 18.6402, 30.8987**, and if you desaturate by 10%, it is **14.0098, 19.1786, 30.9808**.

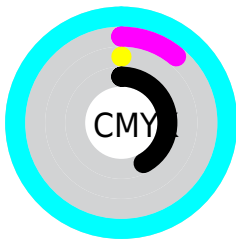
Distribution



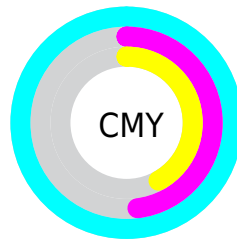
- Red (0%)
- Green (52%)
- Blue (58%)



- Red (0%)
- Yellow (27%)
- Blue (58%)



- Cyan (100%)
- Magenta (11%)
- Yellow (0%)
- Black (42%)



- Cyan (100%)
- Magenta (48%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.5966, 18.6406, 30.8984 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 13.5966, 18.6406, 30.8984 by changing the saturation by 10% instead.

■ 13.5966, 18.6406,
30.8984

■ 13.5966, 18.6406,
30.8984

■ 208.2678,
244.4574, 320.4067

■ 7.9205, 11.4109,
20.2637

■ 31.9638, 41.1259,
62.1578

■ 4.0955, 6.3439,
12.4009

■ 45.3856, 57.1503,
83.6195

■ 1.7563, 3.0553,
6.8915

■ 62.1199, 76.8750,
109.5273

■ 0.4911, 1.1607,
3.3169

■ 82.5322, 100.6844,
140.2998

■ 0.0000, 0.0292,
1.2586

■ 106.9878,
128.9630, 176.3554

■ 0.0000, 0.0000,
0.0275

■ 135.8520,

■ 0.0000, 0.0000,

162.0951, 218.1127

0.0000

169.4902,
200.4651, 265.9903

■ 13.5966, 18.6406,
30.8984

■ 13.5966, 18.6406,
30.8984

■ 13.5964, 18.6402,
30.8987

■ 14.0098, 19.1786,
30.9808

■ 14.5622, 19.7930,
31.0703

■ 15.3202, 20.5183,
31.1704

■ 16.3090, 21.3677,
31.2822

■ 17.5501, 22.3521,
31.4068

■ 19.0629, 23.4816,
31.5451

■ 20.8644, 24.7651,
31.6979

■ 22.9704, 26.2106,
31.8659

■ 25.3958, 27.8259,
32.0498

Harmonies

Analogous

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



12.7778, 18.6406, 21.8348



13.5966, 18.6406, 30.8984



15.5253, 18.6406, 38.3060

Triad

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



13.5966, 18.6406, 30.8984



23.2184, 18.6406, 27.5840



17.1984, 18.6406, 8.2899

Complementary

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



13.5966, 18.6406, 30.8984



12.3988, 6.6675, 0.6343

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.



20.1066, 18.6406, 9.0581



13.5966, 18.6406, 30.8984



23.7894, 18.6406, 18.8321

Square

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



13.5966, 18.6406, 30.8984



21.1105, 18.6406, 36.0590



22.5964, 18.6406, 12.4482



14.7087, 18.6406, 9.9633

Rectangle

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



13.5966, 18.6406, 30.8984



17.2844, 18.6406, 40.4468



22.5964, 18.6406, 12.4482



18.1575, 18.6406, 8.2778

Sweetspot

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



13.5972, 18.6413, 30.8989



36.6018, 43.5480, 55.9111



10.6754, 21.2143, 3.9776



8.0662, 9.7371, 12.7391



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



13.5972, 18.6413, 30.8989



23.9135, 32.7367, 54.4930



6.9209, 5.2887, 28.6734



5.9111, 6.4562, 7.4044



11.6253, 15.9454, 26.3961



0.1546, 0.2198, 0.3272

Inverse Universe

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



16.3782, 7.9626, 22.5040



28.8587, 14.0328, 39.5017



15.7698, 13.4096, 1.7580



6.0086, 5.8985, 7.1513



13.9950, 6.8031, 19.2525



0.1775, 0.0858, 0.2684

Previews

White Background



This preview shows how the XYZ color 13.5966, 18.6406, 30.8984 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 13.5966, 18.6406, 30.8984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

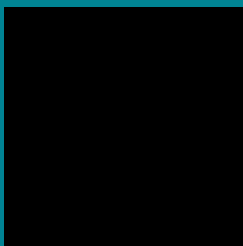
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

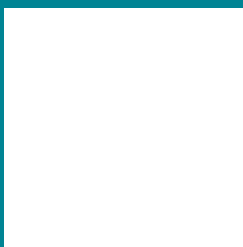
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.5966, 18.6406, 30.8984

Background



This preview shows how black text looks on a background with the XYZ color 13.5966, 18.6406, 30.8984.



This preview shows how white text looks on a background with the XYZ color 13.5966, 18.6406,

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

13.5966, 18.6406, 30.8984

Protanopia

18.2089, 18.4658, 27.0306

Deuteranopia

18.8866, 18.5344, 31.8602



Tritanopia

13.3455, 18.7582, 28.9039

Trichromacy



Original Color

13.5966, 18.6406, 30.8984

Protanomaly

14.7131, 17.5354, 28.2004

Deuteranomaly

15.2122, 17.5375, 31.4375

Tritanomaly

13.4984, 18.8194, 29.7091

Monochromacy



Original Color

13.5966, 18.6406, 30.8984

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

10.2633, 12.9007, 17.8687

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.5966, 18.6406, 30.8984 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(0, 132, 148)` looks like.

```
.text, #text, p{  
    color:rgb(0, 132, 148)  
}
```

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(0, 132, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 132, 148) }
```

Border

The CSS property to change the border of an element to XYZ 13.5966, 18.6406, 30.8984 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(0, 132, 148) }
```


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

```
.border{ border-color:rgb(0, 132, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 132, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 132, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 132, 148);  
box-shadow:4px 4px 4px 4px rgb(0, 132,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 13.5966, 18.6406, 30.8984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 132, 148) }
```

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

```
.background{ background-color: rgb(0, 132,  
148) }
```

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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