

Converting Colors

XYZ(13.0607, 17.5836, 30.3094)

Have a look what the booklet for
XYZ(13.0607, 17.5836, 30.3094)
contains.

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Color

**XYZ(13.0607, 17.5836,
30.3094)**

Conversions

Conversions Part 1

Format	Color
Hex	068093
RGB	6, 128, 147
RGB Percent	2%, 50%, 58%
CMY	0.9764, 0.4980, 0.4235
CMYK	0.96, 0.13, 0.00, 0.42
HSL	188°, 92%, 30%
HSV	188°, 96%, 58%
XYZ	13.0607, 17.5836, 30.3094
YIQ	93.6880, -78.8110, -19.9550

Conversions

Conversions Part 2

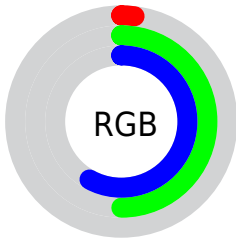
Format	Color
RYB	6, 71, 147
Decimal	426131
CIELab	48.99, -22.10, -18.54
CIELCh	49, 28.848, 219.994
Yxy	17.5836, 0.2143, 0.2885
Android (android.graphics.Color)	4278616211 (0xFF068093)
YUV	93.6880, 26.2828, -76.9024
Hunter-Lab	41.9328, -17.7855, -13.5024

Details

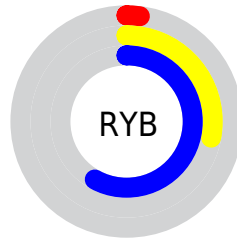
The XYZ color **13.0607, 17.5836, 30.3094** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **12.4138, 6.9124, 0.8528**, and the grayscale version is **10.5207, 11.0686, 12.0537**.

A 20% lighter version of the original color is **30.9970, 39.2910, 61.2086**, and **4.8357, 6.2933, 12.0262** is the 20% darker color. If you saturate the color by 10%, you get **12.8805, 17.3346, 30.2712**, and if you desaturate by 10%, it is **13.5502, 18.2237, 30.4075**.

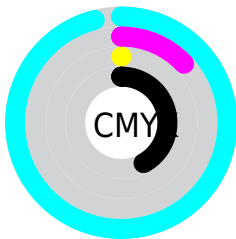
Distribution



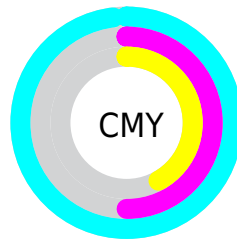
- Red (2%)
- Green (50%)
- Blue (58%)



- Red (2%)
- Yellow (28%)
- Blue (58%)



- Cyan (96%)
- Magenta (13%)
- Yellow (0%)
- Black (42%)



- Cyan (98%)
- Magenta (50%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.0607, 17.5836, 30.3094 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 13.0607, 17.5836, 30.3094 by changing the saturation by 10% instead.

■ 13.0607, 17.5836,
30.3094

■ 13.0607, 17.5836,
30.3094

■ 204.9361,
238.5134, 317.5961

■ 7.5476, 10.6515,
19.8195

■ 31.0132, 39.3265,
61.2179

■ 3.8562, 5.8330,
12.0811

■ 44.1833, 54.9060,
82.4736

■ 1.6211, 2.7438,
6.6757

■ 60.6365, 74.1368,
108.1550

■ 0.4061, 0.9995,
3.1848

■ 80.7382, 97.4033,
138.6806

■ 0.0000, 0.0000,
1.1898

■ 104.8536,
125.0898, 174.4690

■ 0.0000, 0.0000,
0.0000

■ 133.3481,

157.5807, 215.9386

166.5872,
195.2604, 263.5082

■ 13.0607, 17.5836,
30.3094

■ 13.0607, 17.5836,
30.3094

■ 12.8805, 17.3346,
30.2712

■ 13.5502, 18.2237,
30.4075

■ 14.2204, 18.9640,
30.5151

■ 15.1053, 19.8227,
30.6342

■ 16.2284, 20.8118,
30.7659

■ 17.6096, 21.9416,
30.9112

■ 19.2670, 23.2214,
31.0708

■ 21.2170, 24.6599,
31.2457

■ 23.4746, 26.2646,
31.4365

■ 26.0538, 28.0431,
31.6438

Harmonies

Analogous

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



12.1258, 17.5836, 21.8282



13.0607, 17.5836, 30.3094



15.0076, 17.5836, 36.6742

Triad

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



13.0607, 17.5836, 30.3094



22.0494, 17.5836, 24.6637



15.8325, 17.5836, 7.9625

Complementary

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



13.0607, 17.5836, 30.3094



12.4138, 6.9124, 0.8528

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.



18.5422, 17.5836, 8.3405



13.0607, 17.5836, 30.3094



22.3311, 17.5836, 16.6922

Square

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



13.0607, 17.5836, 30.3094



20.2558, 17.5836, 32.8566



20.9889, 17.5836, 11.1272



13.6089, 17.5836, 9.9040

Rectangle

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



13.0607, 17.5836, 30.3094



16.7121, 17.5836, 38.0679



20.9889, 17.5836, 11.1272



16.7133, 17.5836, 7.8381

Sweetspot

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



13.0613, 17.5842, 30.3098



36.6443, 43.1769, 55.8372



10.6827, 20.9760, 4.3951



8.0577, 9.6290, 12.7187



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.



13.0613, 17.5842, 30.3098



22.9727, 30.8550, 54.1794



6.8405, 5.1427, 28.2362



5.8982, 6.4303, 7.4000



11.1796, 15.0540, 26.2475



0.1517, 0.2139, 0.3262

Inverse Universe

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



15.9945, 7.8924, 21.1030



28.3838, 13.8428, 37.0009



16.1858, 14.4563, 2.1101



6.0020, 5.8959, 7.1169



13.7700, 6.7131, 18.0678



0.1760, 0.0852, 0.2606

Previews

White Background



This preview shows how the XYZ color 13.0607, 17.5836, 30.3094 looks on a white 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

Black Background



This preview shows how the XYZ color 13.0607, 17.5836, 30.3094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

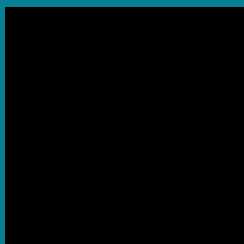
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 13.0607, 17.5836, 30.3094

Background



This preview shows how black text looks on a background with the XYZ color 13.0607, 17.5836, 30.3094.

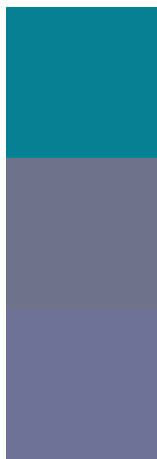


This preview shows how white text looks on a background with the XYZ color 13.0607, 17.5836,

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

13.0607, 17.5836, 30.3094

Protanopia

17.2737, 17.4760, 26.5075

Deuteranopia

17.8290, 17.4878, 31.2900



Tritanopia

12.5105, 17.5646, 27.1570

Trichromacy



Original Color

13.0607, 17.5836, 30.3094

Protanomaly

14.2718, 16.7725, 27.6845

Deuteranomaly

14.6941, 16.7413, 30.8907

Tritanomaly

12.7578, 17.6664, 28.3287

Monochromacy



Original Color

13.0607, 17.5836, 30.3094

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

10.1213, 12.5245, 17.5068

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.0607, 17.5836, 30.3094 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(6, 128, 147)` looks like.

```
.text, #text, p{  
    color:rgb(6, 128, 147)  
}
```

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(6, 128, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 128, 147) }
```

Border

The CSS property to change the border of an element to XYZ 13.0607, 17.5836, 30.3094 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(6, 128, 147) }
```


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

```
.border{ border-color:rgb(6, 128, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 128, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 128, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 128, 147);  
box-shadow:4px 4px 4px 4px rgb(6, 128,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 13.0607, 17.5836, 30.3094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 128, 147) }
```

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

```
.background{ background-color: rgb(6, 128,  
147) }
```

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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