

Converting Colors

XYZ(10.8691, 15.3023, 14.6927)

Have a look what the booklet for
XYZ(10.8691, 15.3023, 14.6927)
contains.

XYZ(10.8691, 15.3023, 14.6927)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(10.8691, 15.3023,
14.6927)**

Conversions

Conversions Part 1

Format	Color
Hex	3B7865
RGB	59, 120, 101
RGB Percent	23%, 47%, 40%
CMY	0.7686, 0.5294, 0.6039
CMYK	0.51, 0.00, 0.16, 0.53
HSL	161°, 34%, 35%
HSV	161°, 51%, 47%
XYZ	10.8691, 15.3023, 14.6927
YIQ	99.5950, -30.2570, -18.8410

Conversions

Conversions Part 2

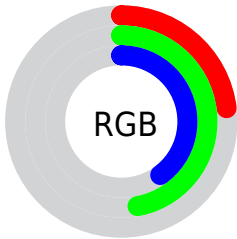
Format	Color
RYB	59, 95, 120
Decimal	3897445
CIELab	46.05, -24.75, 4.39
CIElCh	46, 25.132, 169.937
Yxy	15.3023, 0.2660, 0.3745
Android (android.graphics.Color)	4282087525 (0xFF3B7865)
YUV	99.5950, 0.6927, -35.6018
Hunter-Lab	39.1182, -18.8600, 5.1135

Details

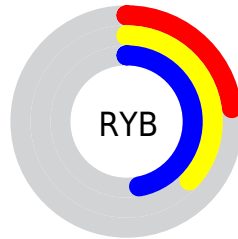
The XYZ color **10.8691, 15.3023, 14.6927** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **10.6854, 7.6716, 8.1260**, and the grayscale version is **12.0143, 12.6400, 13.7649**.

A 20% lighter version of the original color is **27.1666, 35.5336, 35.1326**, and **2.9191, 4.7728, 4.2574** is the 20% darker color. If you saturate the color by 10%, you get **10.0591, 14.9058, 13.7206**, and if you desaturate by 10%, it is **11.8519, 15.7877, 15.7170**.

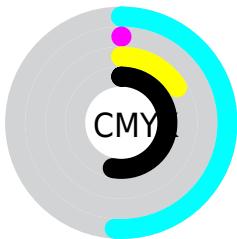
Distribution



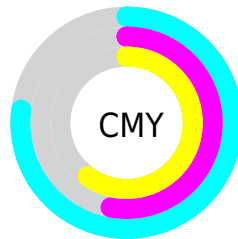
- Red (23%)
- Green (47%)
- Blue (40%)



- Red (23%)
- Yellow (37%)
- Blue (47%)



- Cyan (51%)
- Magenta (0%)
- Yellow (16%)
- Black (53%)



- Cyan (77%)
- Magenta (53%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.8691, 15.3023, 14.6927 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 10.8691, 15.3023, 14.6927 by changing the saturation by 10% instead.

■ 10.8691, 15.3023,
14.6927

■ 10.8691, 15.3023,
14.6927

■ 190.6942,
225.1887, 233.0750

■ 6.0455, 9.0318,
8.4598

■ 27.0530, 35.3826,
35.0478

■ 2.9137, 4.7619,
4.2986

■ 39.1440, 49.9613,
50.0071

■ 1.1083, 2.1083,
1.7905

■ 54.3881, 68.0781,
68.7123

■ 0.0320, 0.6693,
0.4217

■ 73.1508, 90.1175,
91.5818

■ 0.0000, 0.0000,
0.0000

■ 95.7974, 116.4639,
119.0343

■ 122.6933,

147.5016, 151.4883

154.2038,
183.6151, 189.3624

■ 10.8691, 15.3023,
14.6927

■ 10.8691, 15.3023,
14.6927

■ 10.0591, 14.9058,
13.7206

■ 11.8519, 15.7877,
15.7170

■ 9.4091, 14.5904,
12.7986

■ 13.0165, 16.3655,
16.7936

■ 8.9065, 14.3502,
11.9258

■ 14.3730, 17.0411,
17.9238

■ 8.5364, 14.1772,
11.1010

■ 15.9302, 17.8193,
19.1085

■ 8.2635, 14.0521,
10.3841

■ 17.6964, 18.7042,
20.3487

■ 19.6795, 19.6999,
21.6453

■ 21.8868, 20.8101,
22.9990

■ 24.3254, 22.0385,
24.4108

■ 27.0021, 23.3886,
25.8814

Harmonies

Analogous

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



11.6265, 15.3023, 10.1885



10.8691, 15.3023, 14.6927



11.0202, 15.3023, 20.9952

Triad

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



10.8691, 15.3023, 14.6927



15.9878, 15.3023, 30.3187



17.3464, 15.3023, 9.1932

Complementary

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



10.8691, 15.3023, 14.6927



10.6854, 7.6716, 8.1260

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.



18.7496, 15.3023, 12.9696



10.8691, 15.3023, 14.6927



17.9137, 15.3023, 25.4205

Square

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



10.8691, 15.3023, 14.6927



13.8396, 15.3023, 31.1051



18.9668, 15.3023, 18.7990



15.2727, 15.3023, 7.5675

Rectangle

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



10.8691, 15.3023, 14.6927



11.6215, 15.3023, 25.3941



18.9668, 15.3023, 18.7990



17.9204, 15.3023, 10.2029

Sweetspot

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



10.8695, 15.3029, 14.6931



26.7305, 30.6963, 32.6503



10.6743, 15.3824, 6.5446



6.2247, 7.2197, 7.6537



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



10.8695, 15.3029, 14.6931



17.4824, 26.1139, 23.8555



10.6434, 13.1847, 19.7538



4.0564, 4.4922, 4.8310



9.0082, 15.3269, 11.2938



42.5736, 72.9525, 51.7862

Inverse Universe

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



10.6854, 7.6716, 8.1260



17.1291, 11.0668, 10.9555



10.7373, 8.7126, 5.2539



4.0450, 4.0337, 4.4345



8.8151, 4.5022, 2.3170



41.7062, 21.3388, 9.2487

Previews

White Background



This preview shows how the XYZ color 10.8691, 15.3023, 14.6927 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 10.8691, 15.3023, 14.6927 looks on a black 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

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

XYZ 10.8691, 15.3023, 14.6927

Background



This preview shows how black text looks on a background with the XYZ color 10.8691, 15.3023, 14.6927.



This preview shows how white text looks on a background with the XYZ color 10.8691, 15.3023,

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

10.8691, 15.3023, 14.6927

Protanopia

14.3676, 15.1288, 12.9894

Deuteranopia

15.4354, 15.1676, 15.2108



Tritanopia

12.3740, 15.3872, 22.0565

Trichromacy



Original Color

10.8691, 15.3023, 14.6927

Protanomaly

12.5679, 14.8311, 13.5095

Deuteranomaly

13.0611, 14.7278, 14.9863

Tritanomaly

11.7392, 15.2980, 19.1637

Monochromacy



Original Color

10.8691, 15.3023, 14.6927

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

11.3043, 13.3668, 14.0408

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.8691, 15.3023, 14.6927 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(59, 120, 101)` looks like.

```
.text, #text, p{  
    color:rgb(59, 120, 101)  
}
```

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(59, 120, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 120, 101) }
```

Border

The CSS property to change the border of an element to XYZ 10.8691, 15.3023, 14.6927 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(59, 120, 101) }
```


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

```
.border{ border-color:rgb(59, 120, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 120, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 120, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 120, 101);  
box-shadow:4px 4px 4px 4px rgb(59, 120,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 10.8691, 15.3023, 14.6927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 120, 101) }
```

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

```
.background{ background-color: rgb(59, 120,  
101) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor