

Converting Colors

XYZ(10.2675, 11.8022, 6.8913)

Have a look what the booklet for
XYZ(10.2675, 11.8022, 6.8913)
contains.

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Color

**XYZ(10.2691, 11.8038,
6.8914)**

Conversions

Conversions Part 1

Format	Color
Hex	606342
RGB	96, 99, 66
RGB Percent	38%, 39%, 26%
CMY	0.6235, 0.6118, 0.7412
CMYK	0.03, 0.00, 0.33, 0.61
HSL	65°, 20%, 32%
HSV	65°, 33%, 39%
XYZ	10.2691, 11.8038, 6.8914
YIQ	94.3410, 8.8050, -10.8990

Conversions

Conversions Part 2

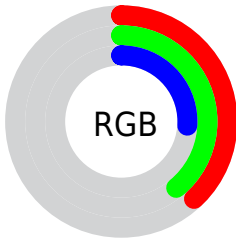
Format	Color
RYB	66, 99, 69
Decimal	6316866
CIELab	40.90, -7.13, 18.40
CIElCh	41, 19.736, 111.173
Yxy	11.8038, 0.3545, 0.4075
Android (android.graphics.Color)	4284506946 (0xFF606342)
YUV	94.3410, -13.9721, 1.4549
Hunter-Lab	34.3567, -6.7710, 12.1570

Details

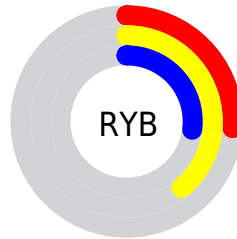
The XYZ color **10.2691, 11.8038, 6.8914** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **6.6550, 6.0628, 12.6245**, and the grayscale version is **10.7510, 11.3109, 12.3176**.

A 20% lighter version of the original color is **25.9762, 29.2306, 20.1926**, and **2.6845, 3.2571, 1.2462** is the 20% darker color. If you saturate the color by 10%, you get **9.9081, 11.6489, 5.4806**, and if you desaturate by 10%, it is **10.6824, 11.9805, 8.5690**.

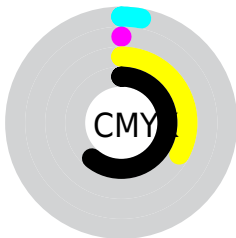
Distribution



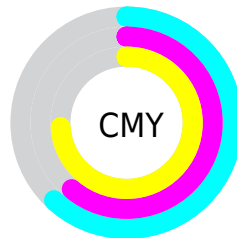
- Red (38%)
- Green (39%)
- Blue (26%)



- Red (26%)
- Yellow (39%)
- Blue (27%)



- Cyan (3%)
- Magenta (0%)
- Yellow (33%)
- Black (61%)



- Cyan (62%)
- Magenta (61%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.2691, 11.8038, 6.8914 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 10.2691, 11.8038, 6.8914 by changing the saturation by 10% instead.

10.2691, 11.8038,
6.8914

10.2691, 11.8038,
6.8914

186.5958,
203.1020, 176.3548

5.6414, 6.6102,
3.3169

25.9455, 29.1373,
20.2635

2.6668, 3.2196,
1.2586

37.7250, 42.0459,
30.8982

0.9801, 1.2474,
0.0275

52.6190, 58.2951,
44.7233

0.0000, 0.0999,
0.0000

70.9930, 78.2691,
62.1575

0.0000, 0.0000,
0.0000

93.2123, 102.3525,
83.6192

119.6423,

130.9295, 109.5269

150.6484,
164.3845, 140.2993

■ 10.2691, 11.8038,
6.8914

■ 10.2691, 11.8038,
6.8914

■ 9.9081, 11.6489,
5.4806

■ 10.6824, 11.9805,
8.5690

■ 9.5957, 11.5132,
4.3221

■ 11.1494, 12.1785,
10.5253

■ 9.3296, 11.3961,
3.4012

■ 11.6728, 12.3991,
12.7726

■ 9.1066, 11.2964,
2.7014

■ 12.2546, 12.6432,
15.3219

■ 8.9230, 11.2126,
2.2040

■ 12.8970, 12.9117,
18.1841

■ 8.7730, 11.1423,
1.8778

■ 13.6017, 13.2052,
21.3692

■ 8.6782, 11.0976,
1.6847

■ 14.3707, 13.5246,
24.8867

■ 15.2057, 13.8705,
28.7461

■ 16.1084, 14.2436,
32.9562

Harmonies

Analogous

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



11.6399, 11.8038, 6.6104



10.2691, 11.8038, 6.8914



9.2387, 11.8038, 8.5768

Triad

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



10.2691, 11.8038, 6.8914



9.6053, 11.8038, 19.8915



14.1139, 11.8038, 14.0797

Complementary

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



10.2691, 11.8038, 6.8914



6.6550, 6.0628, 12.6245

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.



13.4641, 11.8038, 18.3546



10.2691, 11.8038, 6.8914



10.8087, 11.8038, 22.1416

Square

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



10.2691, 11.8038, 6.8914



8.8784, 11.8038, 15.8623



12.2261, 11.8038, 21.5269



13.9389, 11.8038, 10.2494

Rectangle

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



10.2691, 11.8038, 6.8914



8.8460, 11.8038, 10.5082



12.2261, 11.8038, 21.5269



13.9828, 11.8038, 15.5215

Sweetspot

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



10.2694, 11.8043, 6.8916



19.3887, 21.0018, 19.1762



8.2421, 7.2719, 6.1236



4.5889, 4.9837, 4.4743



49.6657, 52.2522, 56.9026



4.8358, 5.0876, 5.5404

Same Dimension

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



10.2694, 11.8043, 6.8916



17.1246, 20.0377, 9.8941



8.7328, 11.0122, 6.8197



2.7420, 2.9584, 2.7706



11.2950, 14.4569, 2.1952



59.9541, 77.0330, 11.7089

Inverse Universe

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



6.6550, 6.0628, 12.6245



9.8877, 8.5389, 21.3770



7.9698, 6.7406, 12.6860



2.4695, 2.5257, 3.2026



3.0635, 1.2402, 15.4656



16.0102, 6.4418, 82.6042

Previews

White Background



This preview shows how the XYZ color 10.2691, 11.8038, 6.8914 looks on a white background.

Color Contrast Check

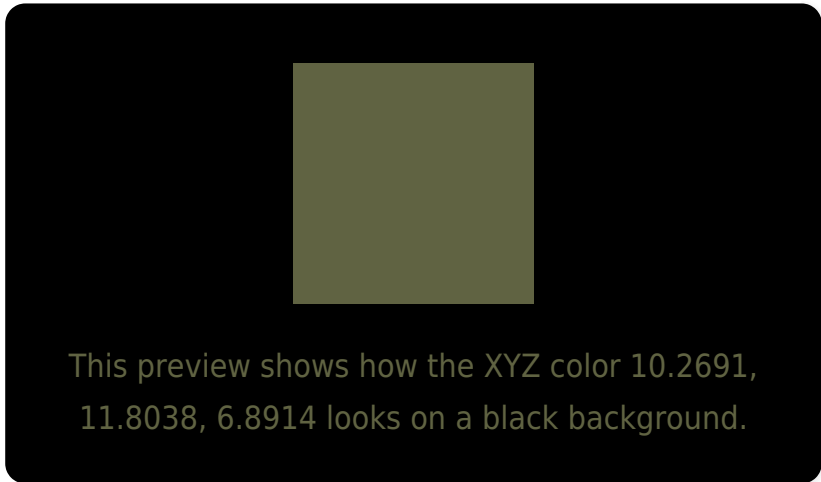
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

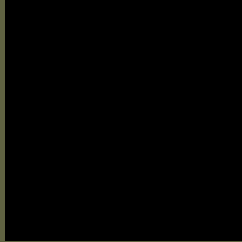
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

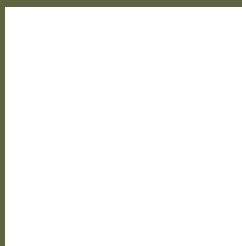
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.2691, 11.8038, 6.8914

Background



This preview shows how black text looks on a background with the XYZ color 10.2691, 11.8038, 6.8914.



This preview shows how white text looks on a background with the XYZ color 10.2691, 11.8038,

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

10.2691, 11.8038, 6.8914

Protanopia

10.8459, 11.6905, 6.6859

Deuteranopia

11.9105, 11.7044, 6.9416



Tritanopia

11.7460, 11.8531, 14.2392

Trichromacy



Original Color

10.2691, 11.8038, 6.8914

Protanomaly

10.5957, 11.6977, 6.7005

Deuteranomaly

11.2897, 11.7778, 6.9885

Tritanomaly

11.1316, 11.7397, 11.1305

Monochromacy



Original Color

10.2691, 11.8038, 6.8914

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

10.5024, 11.4387, 10.0419

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.2691, 11.8038, 6.8914 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(96, 99, 66) looks like.

```
.text, #text, p{  
    color:rgb(96, 99, 66)  
}
```

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(96, 99, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 99, 66) }
```

Border

The CSS property to change the border of an element to XYZ 10.2691, 11.8038, 6.8914 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(96, 99, 66) }
```


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

```
.border{ border-color:rgb(96, 99, 66) }
```

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

Here you see how a box with a 4 pixel rgb(96, 99, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 99, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 99, 66);  
box-shadow:4px 4px 4px 4px rgb(96, 99, 66)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.2691, 11.8038, 6.8914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 99, 66) }
```

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

```
.background{ background-color: rgb(96, 99,  
66) }
```

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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