

Converting Colors

XYZ(10.3092, 11.8645, 7.0038)

Have a look what the booklet for
XYZ(10.3092, 11.8645, 7.0038)
contains.

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Color

**XYZ(10.2988, 11.8157,
7.0480)**

Conversions

Conversions Part 1

Format	Color
Hex	606343
RGB	96, 99, 67
RGB Percent	38%, 39%, 26%
CMY	0.6235, 0.6118, 0.7373
CMYK	0.03, 0.00, 0.32, 0.61
HSL	66°, 19%, 33%
HSV	66°, 32%, 39%
XYZ	10.2988, 11.8157, 7.0480
YIQ	94.4550, 8.4840, -10.5880

Conversions

Conversions Part 2

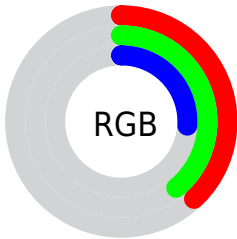
Format	Color
RYB	67, 99, 70
Decimal	6316867
CIELab	40.92, -6.98, 17.84
CIELCh	41, 19.155, 111.375
Yxy	11.8157, 0.3532, 0.4052
Android (android.graphics.Color)	4284506947 (0xFF606343)
YUV	94.4550, -13.5353, 1.3550
Hunter-Lab	34.3740, -6.6740, 11.9050

Details

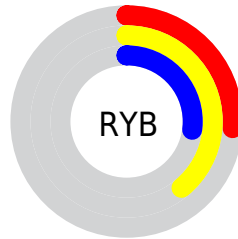
The XYZ color **10.2988, 11.8157, 7.0480** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **6.7855, 6.2175, 12.6475**, and the grayscale version is **10.7772, 11.3384, 12.3475**.

A 20% lighter version of the original color is **26.0335, 29.2535, 20.4940**, and **2.6944, 3.2610, 1.2980** is the 20% darker color. If you saturate the color by 10%, you get **9.9298, 11.6573, 5.6108**, and if you desaturate by 10%, it is **10.7203, 11.9961, 8.7533**.

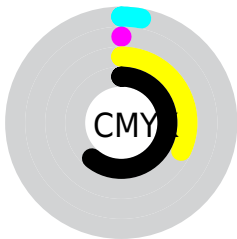
Distribution



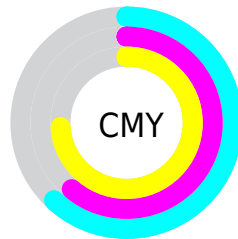
- Red (38%)
- Green (39%)
- Blue (26%)



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



- Cyan (3%)
- Magenta (0%)
- Yellow (32%)
- Black (61%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.2988, 11.8157, 7.0480 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 10.2988, 11.8157, 7.0480 by changing the saturation by 10% instead.

10.2988, 11.8157,
7.0480

10.2988, 11.8157,
7.0480

186.8010,
203.1813, 177.7080

5.6613, 6.6183,
3.4132

26.0006, 29.1590,
20.5842

2.6789, 3.2246,
1.3093

37.7957, 42.0737,
31.3228

0.9863, 1.2501,
0.0694

52.7072, 58.3296,
45.2663

0.0000, 0.1020,
0.0000

71.1007, 78.3111,
62.8334

0.0000, 0.0000,
0.0000

93.3415, 102.4027,
84.4426

119.7949,

130.9886, 110.5124

150.8263,
164.4534, 141.4613

■ 10.2988, 11.8157,
7.0480

■ 10.2988, 11.8157,
7.0480

■ 9.9298, 11.6573,
5.6108

■ 10.7203, 11.9961,
8.7533

■ 9.6099, 11.5182,
4.4273

■ 11.1960, 12.1978,
10.7386

■ 9.3366, 11.3979,
3.4830

■ 11.7282, 12.4223,
13.0160

■ 9.1067, 11.2952,
2.7615

■ 12.3192, 12.6705,
15.5967

■ 8.9167, 11.2085,
2.2445

■ 12.9709, 12.9431,
18.4912

■ 8.7618, 11.1359,
1.9059

■ 13.6853, 13.2409,
21.7095

■ 8.6507, 11.0835,
1.6834

■ 14.4642, 13.5646,
25.2613

■ 15.3093, 13.9150,
29.1559

■ 16.2224, 14.2926,
33.4020

Harmonies

Analogous

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



11.6296, 11.8157, 6.7621



10.2988, 11.8157, 7.0480



9.2983, 11.8157, 8.7125

Triad

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



10.2988, 11.8157, 7.0480



9.6672, 11.8157, 19.6936



14.0370, 11.8157, 14.0285

Complementary

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



10.2988, 11.8157, 7.0480



6.7855, 6.2175, 12.6475

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.



13.4133, 11.8157, 18.1639



10.2988, 11.8157, 7.0480



10.8406, 11.8157, 21.8431

Square

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



10.2988, 11.8157, 7.0480



8.9548, 11.8157, 15.8109



12.2167, 11.8157, 21.2327



13.8623, 11.8157, 10.3104

Rectangle

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



10.2988, 11.8157, 7.0480



8.9177, 11.8157, 10.6062



12.2167, 11.8157, 21.2327



13.9121, 11.8157, 15.4243

Sweetspot

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



10.2991, 11.8162, 7.0483



19.3833, 20.9990, 19.1759



8.3284, 7.3969, 6.2991



4.5875, 4.9830, 4.4742



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.



10.2991, 11.8162, 7.0483



17.1659, 20.0538, 10.1315



8.8118, 11.0495, 6.9786



2.7414, 2.9581, 2.7706



11.2587, 14.4382, 2.1935



59.7495, 76.9276, 11.6994

Inverse Universe

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



6.7855, 6.2175, 12.6475



10.0900, 8.7759, 21.4121



8.0668, 6.8780, 12.7075



2.4701, 2.5260, 3.2026



3.0676, 1.2423, 15.4658



16.0254, 6.4497, 82.6049

Previews

White Background



This preview shows how the XYZ color 10.2988, 11.8157, 7.0480 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 10.2988, 11.8157, 7.0480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

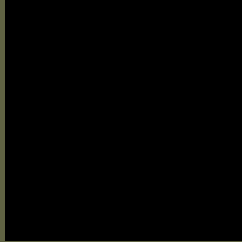
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.2988, 11.8157, 7.0480

Background



This preview shows how black text looks on a background with the XYZ color 10.2988, 11.8157, 7.0480.



This preview shows how white text looks on a background with the XYZ color 10.2988, 11.8157,

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

10.2988, 11.8157, 7.0480

Protanopia

10.8752, 11.7021, 6.8398

Deuteranopia

11.9408, 11.7165, 7.1010



Tritanopia

11.7460, 11.8531, 14.2392

Trichromacy



Original Color

10.2988, 11.8157, 7.0480

Protanomaly

10.6249, 11.7094, 6.8544

Deuteranomaly

11.3199, 11.7899, 7.1479

Tritanomaly

11.1316, 11.7397, 11.1305

Monochromacy



Original Color

10.2988, 11.8157, 7.0480

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 10.2988, 11.8157, 7.0480 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, 67) looks like.

```
.text, #text, p{  
    color:rgb(96, 99, 67)  
}
```

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, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 99, 67) }
```

Border

The CSS property to change the border of an element to XYZ 10.2988, 11.8157, 7.0480 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, 67) }
```


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

```
.border{ border-color:rgb(96, 99, 67) }
```

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, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 99, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 99, 67);  
box-shadow:4px 4px 4px 4px rgb(96, 99, 67)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.2988, 11.8157, 7.0480 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, 67) }
```

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

```
.background{ background-color: rgb(96, 99,  
67) }
```

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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