

Converting Colors

XYZ(10.3630, 10.1757, 3.3609)

Have a look what the booklet for
XYZ(10.3630, 10.1757, 3.3609)
contains.

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Color

**XYZ(10.2968, 10.0882,
3.3240)**

Conversions

Conversions Part 1

Format	Color
Hex	705527
RGB	112, 85, 39
RGB Percent	44%, 33%, 15%
CMY	0.5608, 0.6667, 0.8471
CMYK	0.00, 0.24, 0.65, 0.56
HSL	38°, 48%, 30%
HSV	38°, 65%, 44%
XYZ	10.2968, 10.0882, 3.3240
YIQ	87.8290, 30.8580, -8.5820

Conversions

Conversions Part 2

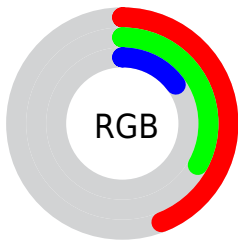
Format	Color
RYB	82, 112, 39
Decimal	7361831
CIELab	38.00, 5.60, 30.60
CIElCh	38, 31.104, 79.636
Yxy	10.0882, 0.4343, 0.4255
Android (android.graphics.Color)	4285551911 (0xFF705527)
YUV	87.8290, -24.0727, 21.1980
Hunter-Lab	31.7619, 2.2840, 16.0284

Details

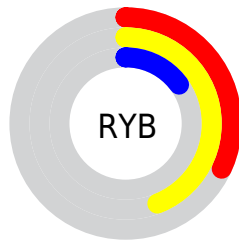
The XYZ color **10.2968, 10.0882, 3.3240** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5.7095, 5.4975, 16.0894**, and the grayscale version is **9.2848, 9.7683, 10.6377**.

A 20% lighter version of the original color is **25.9307, 25.8291, 12.4229**, and **2.7454, 2.5417, 0.3459** is the 20% darker color. If you saturate the color by 10%, you get **9.8214, 9.3918, 2.3814**, and if you desaturate by 10%, it is **10.8466, 10.8457, 4.5622**.

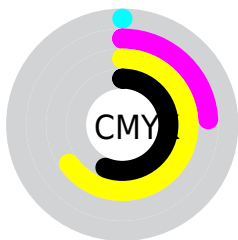
Distribution



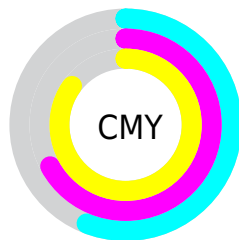
- Red (44%)
- Green (33%)
- Blue (15%)



- Red (32%)
- Yellow (44%)
- Blue (15%)



- Cyan (0%)
- Magenta (24%)
- Yellow (65%)
- Black (56%)



- Cyan (56%)
- Magenta (67%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.2968, 10.0882, 3.3240 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 10.2968, 10.0882, 3.3240 by changing the saturation by 10% instead.

■ 10.2968, 10.0882,
3.3240

■ 10.2968, 10.0882,
3.3240

186.7871,
191.3004, 140.3859

■ 5.6600, 5.4575,
1.2624

■ 25.9969, 25.9613,
12.4180

■ 2.6781, 2.5181,
0.0306

■ 37.7909, 37.9724,
20.2874

■ 0.9859, 0.8857,
0.0000

■ 52.7013, 53.2124,
30.9298

■ 0.0000, 0.0000,
0.0000

■ 71.0935, 72.0658,
44.7638

■ 93.3328, 94.9169,
62.2078

■ 119.7846,

122.1501, 83.6805

150.8143,
154.1498, 109.6004

10.2968, 10.0882,
3.3240

10.2968, 10.0882,
3.3240

9.8214, 9.3918,
2.3814

10.8466, 10.8457,
4.5622

9.4144, 8.7525,
1.7073

11.4748, 11.6652,
6.1186

9.0665, 8.1662,
1.2535

12.1860, 12.5494,
8.0143

8.9086, 7.8978,
1.0549

12.9839, 13.5004,
10.2683

13.8722, 14.5201,
12.8984

■ 14.8544, 15.6102,
15.9208

■ 15.9337, 16.7726,
19.3513

■ 17.1130, 18.0089,
23.2044

■ 18.3952, 19.3207,
27.4940

Harmonies

Analogous

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



12.2997, 10.0882, 4.5502



10.2968, 10.0882, 3.3240



8.3539, 10.0882, 3.5360

Triad

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



10.2968, 10.0882, 3.3240



6.4046, 10.0882, 15.1148



12.8258, 10.0882, 19.7680

Complementary

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



10.2968, 10.0882, 3.3240



5.7095, 5.4975, 16.0894

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.



10.9392, 10.0882, 24.9577



10.2968, 10.0882, 3.3240



7.3083, 10.0882, 21.6890

Square

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



10.2968, 10.0882, 3.3240



6.2825, 10.0882, 9.1205



8.9135, 10.0882, 25.7623



13.8887, 10.0882, 13.0862

Rectangle

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



10.2968, 10.0882, 3.3240



7.3395, 10.0882, 4.5004



8.9135, 10.0882, 25.7623



12.2556, 10.0882, 21.8307

Sweetspot

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



10.2970, 10.0887, 3.3242



23.5157, 24.5353, 20.1049



8.4203, 5.3009, 5.8871



5.5691, 5.8018, 4.5937



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



10.2970, 10.0887, 3.3242



16.8915, 15.9403, 3.5514



11.8095, 14.6470, 4.1243



3.5432, 3.7189, 3.6044



10.2768, 9.0862, 1.2122



50.3484, 43.5721, 5.7566

Inverse Universe

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



5.7095, 5.4975, 16.0894



8.1753, 7.2468, 27.8977



4.8465, 3.2377, 15.6987



3.3093, 3.4838, 4.2522



4.2939, 3.1780, 18.1087



20.6246, 14.3011, 89.9525

Previews

White Background



This preview shows how the XYZ color 10.2968, 10.0882, 3.3240 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 10.2968, 10.0882, 3.3240 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 10.2968, 10.0882, 3.3240

Background



This preview shows how black text looks on a background with the XYZ color 10.2968, 10.0882, 3.3240.



This preview shows how white text looks on a background with the XYZ color 10.2968, 10.0882,

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

10.2968, 10.0882, 3.3240

Protanopia

9.2947, 10.1749, 3.4815

Deuteranopia

10.1703, 10.0230, 3.3181



Tritanopia

11.7508, 10.1222, 10.1385

Trichromacy



Original Color

10.2968, 10.0882, 3.3240

Protanomaly

9.5816, 10.0757, 3.4473

Deuteranomaly

10.1703, 10.0230, 3.3181

Tritanomaly

11.1617, 10.1091, 6.9932

Monochromacy



Original Color

10.2968, 10.0882, 3.3240

Achromatopsia

9.2757, 9.7587, 10.6273

Achromatomaly

9.4435, 9.8000, 7.1882

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.2968, 10.0882, 3.3240 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(112, 85, 39)` looks like.

```
.text, #text, p{  
    color:rgb(112, 85, 39)  
}
```

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(112, 85, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 85, 39) }
```

Border

The CSS property to change the border of an element to XYZ 10.2968, 10.0882, 3.3240 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(112, 85, 39) }
```


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

```
.border{ border-color:rgb(112, 85, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 85, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 85, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 85, 39);  
box-shadow:4px 4px 4px 4px rgb(112, 85,  
39) }
```

Background

The CSS property to change the background color of an element to XYZ 10.2968, 10.0882, 3.3240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 85, 39) }
```

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

```
.background{ background-color: rgb(112, 85,  
39) }
```

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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