

Converting Colors

XYZ(11.3149, 11.0434, 12.6064)

Have a look what the booklet for
XYZ(11.3149, 11.0434, 12.6064)
contains.

XYZ(11.2470, 10.9816, 12.5932)	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(11.2470, 10.9816,
12.5932)**

Conversions

Conversions Part 1

Format	Color
Hex	665A60
RGB	102, 90, 96
RGB Percent	40%, 35%, 38%
CMY	0.6000, 0.6471, 0.6235
CMYK	0.00, 0.12, 0.06, 0.60
HSL	330°, 6%, 38%
HSV	330°, 12%, 40%
XYZ	11.2470, 10.9816, 12.5932
YIQ	94.2720, 5.2260, 4.4100

Conversions

Conversions Part 2

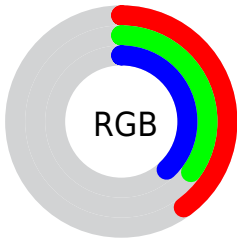
Format	Color
R_{YB}	102, 90, 96
Decimal	6707808
CIE _{Lab}	39.55, 6.04, -1.67
CIE _{LCh}	40, 6.262, 344.540
Yxy	10.9816, 0.3230, 0.3154
Android (android.graphics.Color)	4284897888 (0xFF665A60)
YUV	94.2720, 0.8519, 6.7775
Hunter-Lab	33.1385, 2.5894, 0.6657

Details

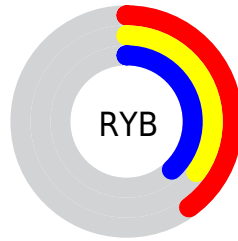
The XYZ color **11.2470, 10.9816, 12.5932** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.0796, 12.5213, 12.8999**, and the grayscale version is **10.7011, 11.2584, 12.2604**.

A 20% lighter version of the original color is **27.7033, 27.6038, 31.0621**, and **3.0520, 2.8439, 3.4057** is the 20% darker color. If you saturate the color by 10%, you get **10.2178, 9.2868, 11.1289**, and if you desaturate by 10%, it is **12.4102, 12.9196, 14.1777**.

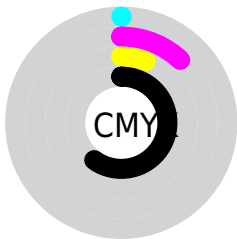
Distribution



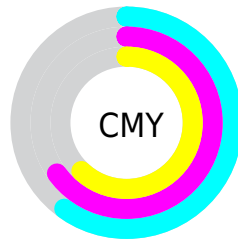
- Red (40%)
- Green (35%)
- Blue (38%)



- Red (40%)
- Yellow (35%)
- Blue (38%)



- Cyan (0%)
- Magenta (12%)
- Yellow (6%)
- Black (60%)



- Cyan (60%)
- Magenta (65%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.2470, 10.9816, 12.5932 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 11.2470, 10.9816, 12.5932 by changing the saturation by 10% instead.

■ 11.2470, 10.9816,
12.5932

■ 11.2470, 10.9816,
12.5932

193.2279,
197.5413, 219.4093

■ 6.3017, 6.0545,
7.0216

■ 27.7449, 27.6261,
31.2514

■ 3.0718, 2.8782,
3.3970

■ 40.0283, 40.1123,
45.1751

■ 1.1919, 1.0685,
1.3007

■ 55.4885, 55.8870,
62.7198

■ 0.0999, 0.0000,
0.0624

■ 74.4907, 75.3345,
84.3043

■ 0.0000, 0.0000,
0.0000

■ 97.4004, 98.8393,
110.3469

124.5829,

126.7858, 141.2663

156.4036,
159.5583, 177.4809

■ 11.2470, 10.9816,
12.5932

■ 11.2470, 10.9816,
12.5932

■ 10.2178, 9.2868,
11.1289

■ 12.4102, 12.9196,
14.1777

■ 9.3166, 7.8242,
9.7808

■ 13.7111, 15.1086,
15.8845

■ 8.5382, 6.5838,
8.5461

■ 15.1548, 17.5576,
17.7169

■ 7.8769, 5.5546,
7.4212

■ 16.7454, 20.2749,
19.6775

■ 7.3264, 4.7245,
6.4025

■ 18.4872, 23.2683,
21.7689

6.8798, 4.0801,
5.4862

20.3840, 26.5455,
23.9938

6.5292, 3.6066,
4.6678

22.4399, 30.1136,
26.3547

6.2650, 3.2849,
3.9426

24.6583, 33.9797,
28.8539

6.0770, 3.0638,
3.4021

27.0429, 38.1504,
31.4939

Harmonies

Analogous

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



11.0227, 10.9816, 13.7078



11.2470, 10.9816, 12.5932



11.2506, 10.9816, 11.3779

Triad

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



11.2470, 10.9816, 12.5932



10.2334, 10.9816, 9.8276



9.8648, 10.9816, 13.6787

Complementary

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



11.2470, 10.9816, 12.5932



11.0796, 12.5213, 12.8999

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.



9.6649, 10.9816, 12.5556



11.2470, 10.9816, 12.5932



9.8738, 10.9816, 10.3622

Square

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



11.2470, 10.9816, 12.5932



10.6575, 10.9816, 9.8362



9.6681, 10.9816, 11.3428



10.2209, 10.9816, 14.3629

Rectangle

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



11.2470, 10.9816, 12.5932



11.1269, 10.9816, 10.6761



9.6681, 10.9816, 11.3428



9.7776, 10.9816, 13.3367

Sweetspot

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



11.2473, 10.9821, 12.5934



21.2632, 21.8197, 24.1916



10.8787, 10.7589, 14.0740



4.9875, 5.0996, 5.6683



51.1593, 53.8236, 58.6138



5.2251, 5.4972, 5.9864

Same Dimension

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



11.2473, 10.9821, 12.5934



19.2262, 18.4348, 21.3878



10.9815, 10.8758, 11.1938



2.8812, 2.8671, 3.2468



7.7851, 3.9270, 4.2665



40.1614, 20.3045, 19.9251

Inverse Universe

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



11.2473, 10.9821, 12.5934



19.2262, 18.4348, 21.3878



11.3665, 12.6361, 14.4106



2.8812, 2.8671, 3.2468



7.7851, 3.9270, 4.2665



40.1614, 20.3045, 19.9251

Previews

White Background



This preview shows how the XYZ color 11.2470, 10.9816, 12.5932 looks on a white background.

Color Contrast Check

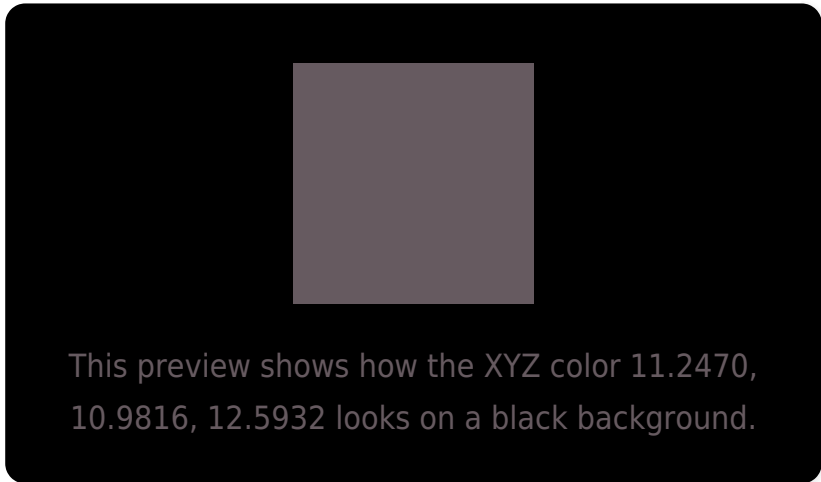
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.2470, 10.9816, 12.5932

Background



This preview shows how black text looks on a background with the XYZ color 11.2470, 10.9816, 12.5932.



This preview shows how white text looks on a background with the XYZ color 11.2470, 10.9816,

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

11.2470, 10.9816, 12.5932

Protanopia

10.7350, 11.0902, 13.1301

Deuteranopia

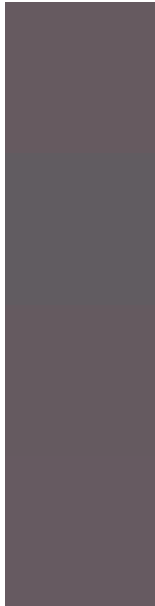
11.1343, 10.9236, 12.5879



Tritanopia

11.2933, 11.0002, 12.8373

Trichromacy



Original Color

11.2470, 10.9816, 12.5932

Protanomaly

10.9146, 11.0587, 12.8686

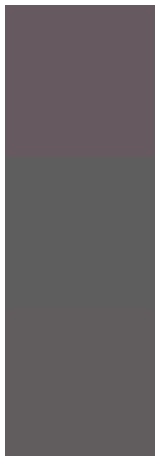
Deuteranomaly

11.1343, 10.9236, 12.5879

Tritanomaly

11.2933, 11.0002, 12.8373

Monochromacy



Original Color

11.2470, 10.9816, 12.5932

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

10.9097, 11.1963, 12.4126

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.2470, 10.9816, 12.5932 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(102, 90, 96)` looks like.

```
.text, #text, p{  
    color:rgb(102, 90, 96)  
}
```

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(102, 90, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 90, 96) }
```

Border

The CSS property to change the border of an element to XYZ 11.2470, 10.9816, 12.5932 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(102, 90, 96) }
```


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

```
.border{ border-color:rgb(102, 90, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 90, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 90, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 90, 96);  
box-shadow:4px 4px 4px 4px rgb(102, 90,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 11.2470, 10.9816, 12.5932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 90, 96) }
```

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

```
.background{ background-color: rgb(102, 90,  
96) }
```

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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