

Converting Colors

XYZ(13.3460, 11.8290, 28.9748)

Have a look what the booklet for
XYZ(13.3460, 11.8290, 28.9748)
contains.

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Color

**XYZ(13.3430, 11.8328,
28.7748)**

Conversions

Conversions Part 1

Format	Color
Hex	5C5B92
RGB	92, 91, 146
RGB Percent	36%, 36%, 57%
CMY	0.6392, 0.6431, 0.4274
CMYK	0.37, 0.38, 0.00, 0.43
HSL	241°, 23%, 46%
HSV	241°, 38%, 57%
XYZ	13.3430, 11.8328, 28.7748
YIQ	97.5690, -17.0590, 17.3170

Conversions

Conversions Part 2

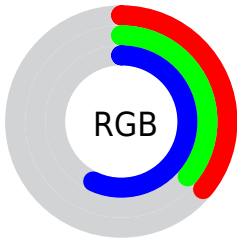
Format	Color
R_{YB}	92, 91, 146
Decimal	6052754
CIE _{Lab}	40.95, 14.39, -30.16
CIE _{LCh}	41, 33.415, 295.510
Yxy	11.8328, 0.2473, 0.2193
Android (android.graphics.Color)	4284242834 (0xFF5C5B92)
YUV	97.5690, 23.8765, -4.8840
Hunter-Lab	34.3988, 9.0406, -25.5172

Details

The XYZ color **13.3430, 11.8328, 28.7748** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **23.8444, 27.3330, 13.9170**, and the grayscale version is **11.4487, 12.0449, 13.1169**.

A 20% lighter version of the original color is **31.4518, 29.1492, 58.6122**, and **3.9588, 3.1952, 11.2346** is the 20% darker color. If you saturate the color by 10%, you get **10.9153, 8.9055, 28.3379**, and if you desaturate by 10%, it is **16.2854, 15.3864, 29.3058**.

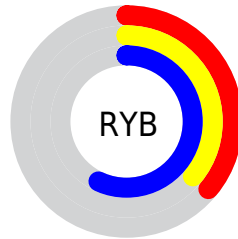
Distribution



Red (36%)

Green (36%)

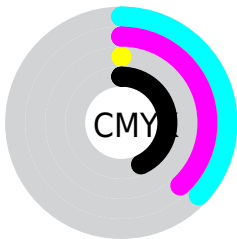
Blue (57%)



Red (36%)

Yellow (36%)

Blue (57%)

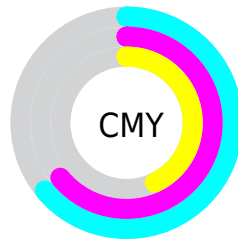


Cyan (37%)

Magenta (38%)

Yellow (0%)

Black (43%)



Cyan (64%)

Magenta (64%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.3430, 11.8328, 28.7748 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 13.3430, 11.8328, 28.7748 by changing the saturation by 10% instead.

■ 13.3430, 11.8328,
28.7748

■ 13.3430, 11.8328,
28.7748

206.6978,
203.2952, 310.1785

■ 7.7438, 6.6299,
18.6664

■ 31.5147, 29.1902,
58.7570

■ 3.9819, 3.2318,
11.2551

■ 44.8180, 42.1136,
79.4679

■ 1.6919, 1.2539,
6.1224

■ 61.4199, 58.3792,
104.5501

■ 0.4512, 0.1051,
2.8496

■ 81.6859, 78.3715,
134.4220

■ 0.0000, 0.0000,
1.0184

■ 105.9814,
102.4748, 169.5023

■ 0.0000, 0.0000,
0.0000

134.6716,

131.0736, 210.2094

168.1220,
164.5523, 256.9620

■ 13.3430, 11.8328,
28.7748

■ 13.3430, 11.8328,
28.7748

■ 10.9153, 8.9055,
28.3379

■ 16.2854, 15.3864,
29.3058

■ 8.9714, 6.5668,
27.9890

■ 19.7683, 19.5981,
29.9352

■ 7.4795, 4.7775,
27.7222

■ 23.8173, 24.4994,
30.6679

■ 6.4030, 3.4925,
27.5310

■ 28.4561, 30.1193,
31.5081

■ 5.6999, 2.6602,
27.4074

■ 33.7069, 36.4849,
32.4601

■ 5.3003, 2.1879,
27.3373

■ 39.5910, 43.6223,
33.5276

■ 5.2216, 2.0925,
27.3230

■ 46.1284, 51.5561,
34.7144

■ 53.3383, 60.3098,
36.0240

■ 61.2392, 69.9060,
37.4599

Harmonies

Analogous

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



10.8910, 11.8328, 30.9495



13.3430, 11.8328, 28.7748



15.4730, 11.8328, 21.8600

Triad

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



13.3430, 11.8328, 28.7748



14.0531, 11.8328, 4.7989



7.2612, 11.8328, 11.8814

Complementary

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



13.3430, 11.8328, 28.7748



23.8444, 27.3330, 13.9170

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.



7.8700, 11.8328, 6.7786



13.3430, 11.8328, 28.7748



11.6101, 11.8328, 3.7163

Square

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



13.3430, 11.8328, 28.7748



15.9220, 11.8328, 8.0087



9.3824, 11.8328, 4.2854



7.5900, 11.8328, 19.4197

Rectangle

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



13.3430, 11.8328, 28.7748



16.3054, 11.8328, 16.4633



9.3824, 11.8328, 4.2854



7.3602, 11.8328, 9.8650

Sweetspot

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



13.3434, 11.8332, 28.7751



39.3617, 40.0054, 53.6208



19.6411, 24.5760, 30.9028



8.5663, 8.6694, 11.8941



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



13.3434, 11.8332, 28.7751



19.9459, 16.5418, 50.1152



16.5948, 13.5094, 28.9272



5.5087, 5.6377, 7.2676



4.5971, 1.8425, 24.0444



0.0582, 0.0236, 0.2944

Inverse Universe

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



20.7062, 15.6379, 28.7152



34.8269, 24.2324, 49.9428



19.5823, 25.1358, 13.7175



6.0308, 5.9074, 7.2684



14.8186, 7.1325, 23.5896



0.1825, 0.0878, 0.2949

Previews

White Background



This preview shows how the XYZ color 13.3430, 11.8328, 28.7748 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 13.3430, 11.8328, 28.7748 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 13.3430, 11.8328, 28.7748

Background



This preview shows how black text looks on a background with the XYZ color 13.3430, 11.8328, 28.7748.



This preview shows how white text looks on a background with the XYZ color 13.3430, 11.8328,

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

13.3430, 11.8328, 28.7748

Protanopia

12.5776, 11.9321, 30.0740

Deuteranopia

12.1177, 11.8659, 28.4397



Tritanopia

10.6830, 11.8242, 15.6292

Trichromacy



Original Color

13.3430, 11.8328, 28.7748

Protanomaly

12.8277, 11.9374, 29.6450

Deuteranomaly

12.5069, 11.7991, 28.4063

Tritanomaly

11.4718, 11.7247, 19.7476

Monochromacy



Original Color

13.3430, 11.8328, 28.7748

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

12.0106, 11.9090, 17.8853

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.3430, 11.8328, 28.7748 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(92, 91, 146)` looks like.

```
.text, #text, p{  
    color:rgb(92, 91, 146)  
}
```

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(92, 91, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 91, 146) }
```

Border

The CSS property to change the border of an element to XYZ 13.3430, 11.8328, 28.7748 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(92, 91, 146) }
```


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

```
.border{ border-color:rgb(92, 91, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 91, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 91, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 91, 146);  
box-shadow:4px 4px 4px 4px rgb(92, 91,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 13.3430, 11.8328, 28.7748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 91, 146) }
```

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

```
.background{ background-color: rgb(92, 91,  
146) }
```

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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