

Converting Colors

XYZ(13.4562, 15.4083, 11.5308)

Have a look what the booklet for
XYZ(13.4562, 15.4083, 11.5308)
contains.

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Color

**XYZ(13.3813, 15.2962,
11.4797)**

Conversions

Conversions Part 1

Format	Color
Hex	697058
RGB	105, 112, 88
RGB Percent	41%, 44%, 35%
CMY	0.5882, 0.5608, 0.6549
CMYK	0.06, 0.00, 0.21, 0.56
HSL	78°, 12%, 39%
HSV	78°, 21%, 44%
XYZ	13.3813, 15.2962, 11.4797
YIQ	107.1710, 3.5320, -8.9480

Conversions

Conversions Part 2

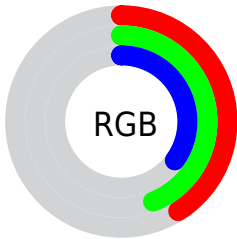
Format	Color
R_{YB}	88, 112, 95
Decimal	6910040
CIE Lab	46.04, -7.29, 12.48
CIE LCh	46, 14.452, 120.302
Yxy	15.2962, 0.3332, 0.3809
Android (android.graphics.Color)	4285100120 (0xFF697058)
YUV	107.1710, -9.4513, -1.9040
Hunter-Lab	39.1104, -7.3708, 9.9744

Details

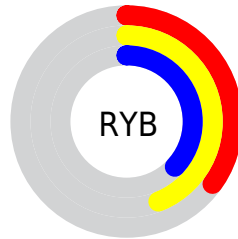
The XYZ color **13.3813, 15.2962, 11.4797** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.1343, 10.5826, 16.7859**, and the grayscale version is **14.0476, 14.7792, 16.0946**.

A 20% lighter version of the original color is **31.5732, 35.4538, 29.2239**, and **3.9962, 4.7335, 2.8935** is the 20% darker color. If you saturate the color by 10%, you get **12.5762, 14.9312, 9.2035**, and if you desaturate by 10%, it is **14.2733, 15.6987, 14.1328**.

Distribution



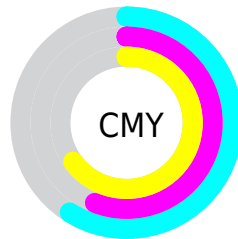
- Red (41%)
- Green (44%)
- Blue (35%)



- Red (35%)
- Yellow (44%)
- Blue (37%)



- Cyan (6%)
- Magenta (0%)
- Yellow (21%)
- Black (56%)



- Cyan (59%)
- Magenta (56%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.3813, 15.2962, 11.4797 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 13.3813, 15.2962, 11.4797 by changing the saturation by 10% instead.

■ 13.3813, 15.2962,
11.4797

■ 13.3813, 15.2962,
11.4797

206.9357,
225.1521, 211.7838

■ 7.7704, 9.0275,
6.2723

■ 31.5826, 35.3720,
29.1940

■ 3.9990, 4.7591,
2.9399

■ 44.9038, 49.9479,
42.5378

■ 1.7016, 2.1066,
1.0640

■ 61.5259, 68.0616,
59.4310

■ 0.4572, 0.6684,
0.0000

■ 81.8140, 90.0976,
80.2918

■ 0.0000, 0.0000,
0.0000

■ 106.1338,
116.4403, 105.5390

134.8504,

147.4740, 135.5911

168.3292,
183.5831, 170.8665

■ 13.3813, 15.2962,
11.4797

■ 13.3813, 15.2962,
11.4797

■ 12.5762, 14.9312,
9.2035

■ 14.2733, 15.6987,
14.1328

■ 11.8534, 14.6002,
7.2861

■ 15.2541, 16.1379,
17.1777

■ 11.2095, 14.3026,
5.7094

■ 16.3272, 16.6158,
20.6299

■ 10.6407, 14.0365,
4.4533

■ 17.4954, 17.1336,
24.5037

■ 10.1425, 13.8004,
3.4956

■ 18.7615, 17.6922,
28.8127

■ 9.7101, 13.5921,
2.8115

■ 20.1282, 18.2929,
33.5697

■ 9.3376, 13.4095,
2.3718

■ 21.5978, 18.9365,
38.7874

■ 9.0460, 13.2652,
2.0837

■ 23.1729, 19.6242,
44.4775

■ 24.8557, 20.3568,
50.6517

Harmonies

Analogous

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



14.5261, 15.2962, 10.7750



13.3813, 15.2962, 11.4797



12.5855, 15.2962, 13.5292

Triad

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



13.3813, 15.2962, 11.4797



13.4017, 15.2962, 23.2346



17.0256, 15.2962, 16.6193

Complementary

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



13.3813, 15.2962, 11.4797



11.1343, 10.5826, 16.7859

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.



16.6839, 15.2962, 20.2285



13.3813, 15.2962, 11.4797



14.5510, 15.2962, 24.3593

Square

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



13.3813, 15.2962, 11.4797



12.5968, 15.2962, 20.2989



15.7607, 15.2962, 23.1902



16.6703, 15.2962, 13.4755

Rectangle

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



13.3813, 15.2962, 11.4797



12.3365, 15.2962, 15.5434



15.7607, 15.2962, 23.1902



16.9882, 15.2962, 17.8183

Sweetspot

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



13.3817, 15.2969, 11.4800



25.9618, 27.9757, 27.5591



12.5183, 12.2983, 10.9467



6.2180, 6.7124, 6.5613



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.



13.3817, 15.2969, 11.4800



22.7455, 26.5263, 17.9859



12.0906, 14.6313, 11.4196



3.5517, 3.8697, 3.6331



10.4340, 15.3227, 2.4076



51.0879, 75.8708, 11.9519

Inverse Universe

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



11.1343, 10.5826, 16.7859



18.0050, 16.5801, 29.1811



12.4543, 11.2631, 16.8477



3.3006, 3.3433, 4.2256



4.0731, 1.7092, 17.8368



19.5276, 8.1212, 88.8175

Previews

White Background



This preview shows how the XYZ color 13.3813, 15.2962, 11.4797 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 13.3813, 15.2962, 11.4797 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

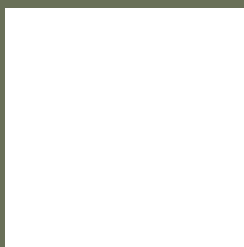
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.3813, 15.2962, 11.4797

Background



This preview shows how black text looks on a background with the XYZ color 13.3813, 15.2962, 11.4797.



This preview shows how white text looks on a background with the XYZ color 13.3813, 15.2962,

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

13.3813, 15.2962, 11.4797

Protanopia

14.3508, 15.3222, 11.0052

Deuteranopia

15.5012, 15.2770, 11.8046



Tritanopia

14.8801, 15.2607, 18.9910

Trichromacy



Original Color

13.3813, 15.2962, 11.4797

Protanomaly

13.9783, 15.2847, 11.2303

Deuteranomaly

14.6369, 15.2979, 11.6325

Tritanomaly

14.2545, 15.1660, 15.8117

Monochromacy



Original Color

13.3813, 15.2962, 11.4797

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

13.7127, 14.9215, 14.2140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.3813, 15.2962, 11.4797 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(105, 112, 88)` looks like.

```
.text, #text, p{  
    color:rgb(105, 112, 88)  
}
```

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(105, 112, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 112, 88) }
```

Border

The CSS property to change the border of an element to XYZ 13.3813, 15.2962, 11.4797 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(105, 112, 88) }
```


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

```
.border{ border-color:rgb(105, 112, 88) }
```

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

Here you see how a box with a 4 pixel rgb(105, 112, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 112, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 112, 88);  
box-shadow:4px 4px 4px 4px rgb(105, 112,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 13.3813, 15.2962, 11.4797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 112, 88) }
```

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

```
.background{ background-color: rgb(105,  
112, 88) }
```

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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