

Converting Colors

XYZ(11.8116, 14.7547, 6.7828)

Have a look what the booklet for
XYZ(11.8116, 14.7547, 6.7828)
contains.

XYZ(11.8116, 14.7547, 6.7828)	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(11.8116, 14.7547,
6.7828)**

Conversions

Conversions Part 1

Format	Color
Hex	62713E
RGB	98, 113, 62
RGB Percent	38%, 44%, 24%
CMY	0.6157, 0.5569, 0.7569
CMYK	0.13, 0.00, 0.45, 0.56
HSL	78°, 29%, 34%
HSV	78°, 45%, 44%
XYZ	11.8116, 14.7547, 6.7828
YIQ	102.7010, 7.4310, -19.0410

Conversions

Conversions Part 2

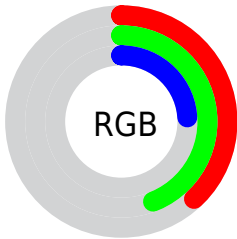
Format	Color
RYB	62, 113, 77
Decimal	6451518
CIELab	45.30, -14.70, 26.40
CIElCh	45, 30.215, 119.102
Yxy	14.7547, 0.3542, 0.4424
Android (android.graphics.Color)	4284641598 (0xFF62713E)
YUV	102.7010, -20.0656, -4.1228
Hunter-Lab	38.4118, -12.3322, 16.4188

Details

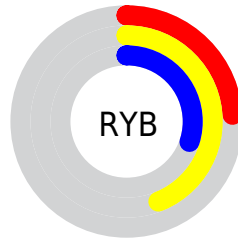
The XYZ color **11.8116, 14.7547, 6.7828** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **7.7644, 6.2157, 16.4141**, and the grayscale version is **12.8633, 13.5332, 14.7377**.

A 20% lighter version of the original color is **28.9021, 34.5420, 20.1829**, and **3.3069, 4.4992, 1.2245** is the 20% darker color. If you saturate the color by 10%, you get **11.1821, 14.4628, 5.2998**, and if you desaturate by 10%, it is **12.5212, 15.0814, 8.6069**.

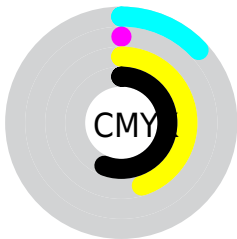
Distribution



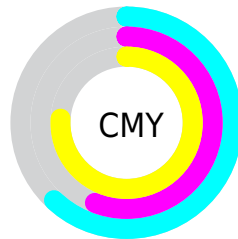
- Red (38%)
- Green (44%)
- Blue (24%)



- Red (24%)
- Yellow (44%)
- Blue (30%)



- Cyan (13%)
- Magenta (0%)
- Yellow (45%)
- Black (56%)



- Cyan (62%)
- Magenta (56%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.8116, 14.7547, 6.7828 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 11.8116, 14.7547, 6.7828 by changing the saturation by 10% instead.

■ 11.8116, 14.7547,
6.7828

■ 11.8116, 14.7547,
6.7828

196.9495,
221.8766, 175.4084

■ 6.6868, 8.6474,
3.2503

■ 28.7713, 34.4223,
20.0403

■ 3.3116, 4.5119,
1.2238

■ 41.3370, 48.7513,
30.6023

■ 1.3206, 1.9638,
0.0000

■ 57.1137, 66.5898,
44.3446

■ 0.1986, 0.5863,
0.0000

■ 76.4667, 88.3220,
61.6856

■ 0.0000, 0.0000,
0.0000

■ 99.7615, 114.3324,
83.0440

■ 127.3633,

145.0054, 108.8382

159.6375,
180.7254, 139.4868

■ 11.8116, 14.7547,
6.7828

■ 11.8116, 14.7547,
6.7828

■ 11.1821, 14.4628,
5.2998

■ 12.5212, 15.0814,
8.6069

■ 10.6274, 14.2021,
4.1356

■ 13.3138, 15.4424,
10.7906

■ 10.1433, 13.9712,
3.2670

■ 14.1932, 15.8400,
13.3521

■ 9.7245, 13.7682,
2.6671

■ 15.1629, 16.2755,
16.3081

■ 9.3615, 13.5891,
2.2875

■ 16.2259, 16.7500,
19.6744

■ 9.1936, 13.5060,
2.1224

■ 17.3852, 17.2650,
23.4660

■ 18.6437, 17.8214,
27.6968

■ 20.0042, 18.4205,
32.3805

■ 21.4692, 19.0633,
37.5299

Harmonies

Analogous

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



14.0995, 14.7547, 5.8510



11.8116, 14.7547, 6.7828



10.2873, 14.7547, 9.9775

Triad

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



11.8116, 14.7547, 6.7828



11.6955, 14.7547, 31.0269



19.4057, 14.7547, 16.2824

Complementary

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



11.8116, 14.7547, 6.7828



7.7644, 6.2157, 16.4141

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.



18.5708, 14.7547, 24.2309



11.8116, 14.7547, 6.7828



13.9486, 14.7547, 34.1567

Square

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



11.8116, 14.7547, 6.7828



10.2261, 14.7547, 23.7421



16.4965, 14.7547, 31.3631



18.6619, 14.7547, 10.2523

Rectangle

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



11.8116, 14.7547, 6.7828



9.8101, 14.7547, 13.5985



16.4965, 14.7547, 31.3631



19.2989, 14.7547, 18.8139

Sweetspot

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



11.8120, 14.7554, 6.7831



25.5402, 28.4197, 24.2845



10.2956, 9.0901, 5.7695



5.8420, 6.5434, 5.4236



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.



11.8120, 14.7554, 6.7831



19.9897, 25.8816, 9.4164



9.5265, 13.5772, 6.6762



3.5510, 3.8694, 3.6330



10.4080, 15.3092, 2.4064



50.9548, 75.8022, 11.9457

Inverse Universe

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



7.7644, 6.2157, 16.4141



11.7732, 8.5244, 29.0003



10.1776, 7.4597, 16.5271



3.3013, 3.3436, 4.2256



4.0829, 1.7142, 17.8373



19.5722, 8.1442, 88.8196

Previews

White Background



This preview shows how the XYZ color 11.8116, 14.7547, 6.7828 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 11.8116, 14.7547, 6.7828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

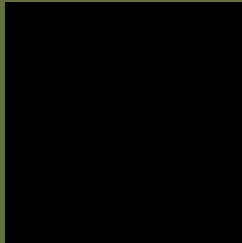
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.8116, 14.7547, 6.7828

Background



This preview shows how black text looks on a background with the XYZ color 11.8116, 14.7547, 6.7828.



This preview shows how white text looks on a background with the XYZ color 11.8116, 14.7547,

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

11.8116, 14.7547, 6.7828

Protanopia

13.5445, 14.6932, 6.3972

Deuteranopia

14.9114, 14.6302, 7.0390



Tritanopia

14.1779, 14.7565, 18.3207

Trichromacy



Original Color

11.8116, 14.7547, 6.7828

Protanomaly

12.8665, 14.6537, 6.5652

Deuteranomaly

13.5507, 14.5298, 6.9408

Tritanomaly

13.0594, 14.6066, 13.1974

Monochromacy



Original Color

11.8116, 14.7547, 6.7828

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

12.3860, 13.9867, 11.2794

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.8116, 14.7547, 6.7828 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(98, 113, 62) looks like.

```
.text, #text, p{  
    color:rgb(98, 113, 62)  
}
```

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(98, 113, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 113, 62) }
```

Border

The CSS property to change the border of an element to XYZ 11.8116, 14.7547, 6.7828 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(98, 113, 62) }
```


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

```
.border{ border-color:rgb(98, 113, 62) }
```

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

Here you see how a box with a 4 pixel rgb(98, 113, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 113, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 113, 62);  
box-shadow:4px 4px 4px 4px rgb(98, 113,  
62) }
```

Background

The CSS property to change the background color of an element to XYZ 11.8116, 14.7547, 6.7828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 113, 62) }
```

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

```
.background{ background-color: rgb(98, 113,  
62) }
```

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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