

Converting Colors

XYZ(11.9661, 11.5770, 6.2144)

Have a look what the booklet for
XYZ(11.9661, 11.5770, 6.2144)
contains.

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Color

**XYZ(11.9467, 11.6119,
6.1691)**

Conversions

Conversions Part 1

Format	Color
Hex	755B3E
RGB	117, 91, 62
RGB Percent	46%, 36%, 24%
CMY	0.5412, 0.6431, 0.7569
CMYK	0.00, 0.22, 0.47, 0.54
HSL	32°, 31%, 35%
HSV	32°, 47%, 46%
XYZ	11.9467, 11.6119, 6.1691
YIQ	95.4680, 24.8050, -3.5070

Conversions

Conversions Part 2

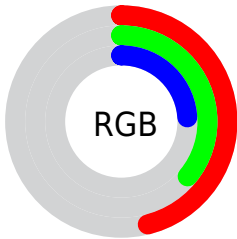
Format	Color
R_{YB}	111, 117, 62
Decimal	7691070
CIE _{Lab}	40.59, 6.53, 20.76
CIE _{LCh}	41, 21.760, 72.543
Yxy	11.6119, 0.4019, 0.3906
Android (android.graphics.Color)	4285881150 (0xFF755B3E)
YUV	95.4680, -16.4997, 18.8836
Hunter-Lab	34.0762, 2.9464, 13.1196

Details

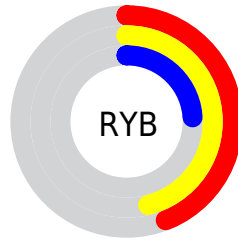
The XYZ color **11.9467, 11.6119, 6.1691** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **8.6870, 9.2875, 18.1644**, and the grayscale version is **11.0242, 11.5983, 12.6306**.

A 20% lighter version of the original color is **28.9169, 28.7216, 18.7716**, and **3.3707, 3.1171, 1.0401** is the 20% darker color. If you saturate the color by 10%, you get **11.2042, 10.5865, 4.5047**, and if you desaturate by 10%, it is **12.7938, 12.7357, 8.2098**.

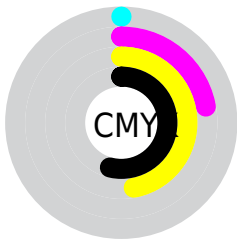
Distribution



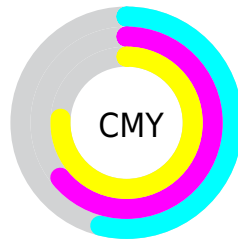
- Red (46%)
- Green (36%)
- Blue (24%)



- Red (44%)
- Yellow (46%)
- Blue (24%)



- Cyan (0%)
- Magenta (22%)
- Yellow (47%)
- Black (54%)





- Cyan (54%)
- Magenta (64%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 11.9467, 11.6119, 6.1691 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 11.9467, 11.6119, 6.1691 by changing the saturation by 10% instead.

 11.9467, 11.6119,
6.1691


 11.9467, 11.6119,
6.1691


197.8292,
201.8188, 169.9291


 6.7793, 6.4800,
2.8777


 29.0157, 28.7863,
18.7646


 3.3696, 3.1391,
1.0325

 41.6480, 41.5975,
28.9058

 1.3521, 1.2048,
0.0000

 57.4994, 57.7373,
42.1673

 0.2217, 0.0656,
0.0000

 76.9352, 77.5901,
58.9677

 0.0000, 0.0000,
0.0000

 100.3207,
101.5402, 79.7256

 128.0213,

129.9721, 104.8594

160.4024,
163.2702, 134.7877

■ 11.9467, 11.6119,
6.1691

■ 11.9467, 11.6119,
6.1691

■ 11.2042, 10.5865,
4.5047

■ 12.7938, 12.7357,
8.2098

■ 10.5602, 9.6547,
3.1919

■ 13.7494, 13.9595,
10.6479

■ 10.0092, 8.8134,
2.2045

■ 14.8183, 15.2866,
13.5036

■ 9.5446, 8.0587,
1.5119

■ 16.0047, 16.7198,
16.7956

■ 9.1523, 7.3837,
1.0434

■ 17.3125, 18.2617,
20.5415

■ 9.0423, 7.1943,
0.9121

■ 18.7455, 19.9150,
24.7579

■ 20.3073, 21.6821,
29.4606

■ 22.0013, 23.5652,
34.6645

■ 23.8308, 25.5667,
40.3840

Harmonies

Analogous

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



13.3590, 11.6119, 7.7431



11.9467, 11.6119, 6.1691



10.4077, 11.6119, 6.0535

Triad

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



11.9467, 11.6119, 6.1691



8.3975, 11.6119, 14.5709



13.1567, 11.6119, 19.9555

Complementary

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



11.9467, 11.6119, 6.1691



8.6870, 9.2875, 18.1644

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.



11.6907, 11.6119, 22.8281



11.9467, 11.6119, 6.1691



9.0006, 11.6119, 19.2685

Square

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



11.9467, 11.6119, 6.1691



8.4522, 11.6119, 10.2719



10.1742, 11.6119, 22.5509



14.1008, 11.6119, 15.3544

Rectangle

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



11.9467, 11.6119, 6.1691



9.5230, 11.6119, 6.7693



10.1742, 11.6119, 22.5509



12.7030, 11.6119, 21.1985

Sweetspot

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



11.9470, 11.6125, 6.1693



27.0768, 28.0343, 25.6635



10.8445, 7.9415, 10.3211



6.1438, 6.3461, 5.6766



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



11.9470, 11.6125, 6.1693



20.0093, 18.8807, 7.9504



14.4443, 16.7890, 7.0369



3.8289, 3.9907, 3.9108



9.9471, 7.8954, 0.9997



47.6099, 36.7483, 4.5838

Inverse Universe

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



8.6870, 9.2875, 18.1644



13.4299, 14.1914, 32.1684



6.9782, 5.7838, 17.5781



3.6301, 3.8488, 4.6418



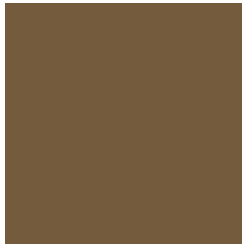
5.0435, 4.4266, 19.1312



23.7323, 19.8812, 92.9469

Previews

White Background



This preview shows how the XYZ color 11.9467, 11.6119, 6.1691 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 11.9467, 11.6119, 6.1691 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 11.9467, 11.6119, 6.1691

Background



This preview shows how black text looks on a background with the XYZ color 11.9467, 11.6119, 6.1691.



This preview shows how white text looks on a background with the XYZ color 11.9467, 11.6119,

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

11.9467, 11.6119, 6.1691

Protanopia

10.8172, 11.6790, 6.5346

Deuteranopia

11.7669, 11.6469, 6.1853



Tritanopia

13.1743, 11.6176, 12.1377

Trichromacy



Original Color

11.9467, 11.6119, 6.1691

Protanomaly

11.2066, 11.6155, 6.3540

Deuteranomaly

11.8991, 11.7151, 6.1915

Tritanomaly

12.6205, 11.5106, 9.5392

Monochromacy



Original Color

11.9467, 11.6119, 6.1691

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

11.1576, 11.5135, 9.8179

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.9467, 11.6119, 6.1691 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(117, 91, 62)` looks like.

```
.text, #text, p{  
    color:rgb(117, 91, 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(117, 91, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 91, 62) }
```

Border

The CSS property to change the border of an element to XYZ 11.9467, 11.6119, 6.1691 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(117, 91, 62) }
```


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

```
.border{ border-color:rgb(117, 91, 62) }
```

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

Here you see how a box with a 4 pixel rgb(117, 91, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 91, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 91, 62);  
box-shadow:4px 4px 4px 4px rgb(117, 91,  
62) }
```

Background

The CSS property to change the background color of an element to XYZ 11.9467, 11.6119, 6.1691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 91, 62) }
```

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

```
.background{ background-color: rgb(117, 91,  
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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