

Converting Colors

XYZ(11.6936, 11.4648, 6.9068)

Have a look what the booklet for
XYZ(11.6936, 11.4648, 6.9068)
contains.

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Color

**XYZ(11.6936, 11.4648,
6.9068)**

Conversions

Conversions Part 1

Format	Color
Hex	725B43
RGB	114, 91, 67
RGB Percent	45%, 36%, 26%
CMY	0.5529, 0.6431, 0.7373
CMYK	0.00, 0.20, 0.41, 0.55
HSL	31°, 26%, 35%
HSV	31°, 41%, 45%
XYZ	11.6936, 11.4648, 6.9068
YIQ	95.1410, 21.4120, -2.5880

Conversions

Conversions Part 2

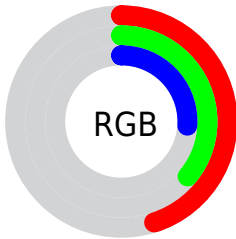
Format	Color
R _Y B	112, 114, 67
Decimal	7494467
CIE Lab	40.35, 5.78, 17.40
CIE LCh	40, 18.332, 71.619
Yxy	11.4648, 0.3889, 0.3813
Android (android.graphics.Color)	4285684547 (0xFF725B43)
YUV	95.1410, -13.8735, 16.5393
Hunter-Lab	33.8597, 2.3913, 11.6077

Details

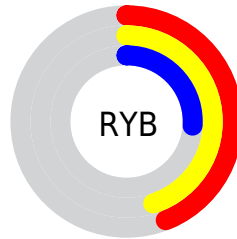
The XYZ color **11.6936, 11.4648, 6.9068** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **9.0080, 9.7202, 17.3209**, and the grayscale version is **10.9399, 11.5096, 12.5340**.

A 20% lighter version of the original color is **28.5557, 28.5030, 20.2162**, and **3.2832, 3.0665, 1.2830** is the 20% darker color. If you saturate the color by 10%, you get **10.9255, 10.4231, 5.1264**, and if you desaturate by 10%, it is **12.5651, 12.6054, 9.0541**.

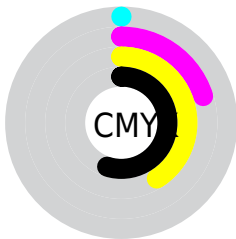
Distribution



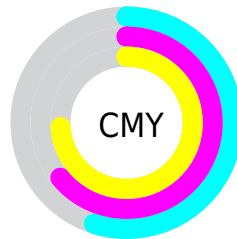
- Red (45%)
- Green (36%)
- Blue (26%)



- Red (44%)
- Yellow (45%)
- Blue (26%)



- Cyan (0%)
- Magenta (20%)
- Yellow (41%)
- Black (55%)



- Cyan (55%)
- Magenta (64%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.6936, 11.4648, 6.9068 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 11.6936, 11.4648, 6.9068 by changing the saturation by 10% instead.

■ 11.6936, 11.4648,
6.9068

■ 11.6936, 11.4648,
6.9068

196.1778,
200.8292, 176.4885

■ 6.6061, 6.3804,
3.3263

■ 28.5575, 28.5165,
20.2951

■ 3.2611, 3.0777,
1.2636

■ 41.0647, 41.2526,
30.9401

■ 1.2933, 1.1724,
0.0317

■ 56.7758, 57.3080,
44.7769

■ 0.1782, 0.0390,
0.0000

■ 76.0562, 77.0672,
62.2242

■ 0.0000, 0.0000,
0.0000

■ 99.2712, 100.9145,
83.7004

■ 126.7863,

129.2343, 109.6242

158.9667,
162.4111, 140.4140

■ 11.6936, 11.4648,
6.9068

■ 11.6936, 11.4648,
6.9068

■ 10.9255, 10.4231,
5.1264

■ 12.5651, 12.6054,
9.0541

■ 10.2553, 9.4757,
3.6912

■ 13.5434, 13.8462,
11.5873

■ 9.6779, 8.6196,
2.5779

■ 14.6331, 15.1907,
14.5244

■ 9.1877, 7.8513,
1.7603

■ 15.8380, 16.6414,
17.8826

■ 8.7779, 7.1668,
1.2079

■ 17.1617, 18.2009,
21.6777

■ 8.4635, 6.6257,
0.8328

■ 18.6077, 19.8717,
25.9248

■ 20.1794, 21.6561,
30.6383

■ 21.8800, 23.5565,
35.8321

■ 23.7126, 25.5750,
41.5191

Harmonies

Analogous

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



12.8474, 11.4648, 8.3538



11.6936, 11.4648, 6.9068



10.4076, 11.4648, 6.7624

Triad

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



11.6936, 11.4648, 6.9068



8.6546, 11.4648, 13.9611



12.6191, 11.4648, 18.5456

Complementary

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



11.6936, 11.4648, 6.9068



9.0080, 9.7202, 17.3209

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.



11.4014, 11.4648, 20.7622



11.6936, 11.4648, 6.9068



9.1546, 11.4648, 17.7888

Square

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



11.6936, 11.4648, 6.9068



8.7193, 11.4648, 10.3850



10.1373, 11.4648, 20.4608



13.4100, 11.4648, 14.8465

Rectangle

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



11.6936, 11.4648, 6.9068



9.6540, 11.4648, 7.3812



10.1373, 11.4648, 20.4608



12.2423, 11.4648, 19.5187

Sweetspot

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



11.6939, 11.4653, 6.9070



25.4980, 26.4302, 24.9303



10.8134, 8.3385, 10.8245



5.8552, 6.0615, 5.6520



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.



11.6939, 11.4653, 6.9070



19.3222, 18.4861, 9.2836



13.9698, 16.0172, 7.6657



3.5122, 3.6569, 3.5941



9.4048, 7.3420, 0.9215



45.9833, 34.8417, 4.3015

Inverse Universe

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



9.0080, 9.7202, 17.3209



13.9451, 14.9929, 30.1344



7.3593, 6.4226, 16.7713



3.3398, 3.5448, 4.2624



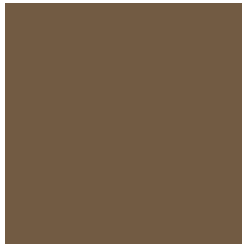
4.9267, 4.4438, 18.3197



23.6835, 20.4189, 90.9721

Previews

White Background



This preview shows how the XYZ color 11.6936, 11.4648, 6.9068 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 11.6936, 11.4648, 6.9068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

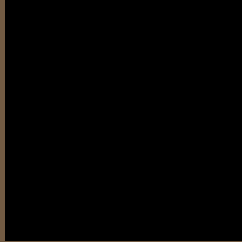
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.6936, 11.4648, 6.9068

Background



This preview shows how black text looks on a background with the XYZ color 11.6936, 11.4648, 6.9068.



This preview shows how white text looks on a background with the XYZ color 11.6936, 11.4648,

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

11.6936, 11.4648, 6.9068

Protanopia

10.7599, 11.4977, 7.2824

Deuteranopia

11.5643, 11.3981, 6.9007



Tritanopia

12.7647, 11.4064, 12.1186

Trichromacy



Original Color

11.6936, 11.4648, 6.9068

Protanomaly

11.1095, 11.5486, 7.1124

Deuteranomaly

11.5643, 11.3981, 6.9007

Tritanomaly

12.2924, 11.3325, 9.9270

Monochromacy



Original Color

11.6936, 11.4648, 6.9068

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

11.1219, 11.4861, 10.2252

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6936, 11.4648, 6.9068 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(114, 91, 67)` looks like.

```
.text, #text, p{  
    color:rgb(114, 91, 67)  
}
```

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(114, 91, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 91, 67) }
```

Border

The CSS property to change the border of an element to XYZ 11.6936, 11.4648, 6.9068 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(114, 91, 67) }
```


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

```
.border{ border-color:rgb(114, 91, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 91, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 91, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 91, 67);  
box-shadow:4px 4px 4px 4px rgb(114, 91,  
67) }
```

Background

The CSS property to change the background color of an element to XYZ 11.6936, 11.4648, 6.9068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 91, 67) }
```

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

```
.background{ background-color: rgb(114, 91,  
67) }
```

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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