

Converting Colors

XYZ(11.6994, 11.3267, 13.0424)

Have a look what the booklet for
XYZ(11.6994, 11.3267, 13.0424)
contains.

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Color

**XYZ(11.7714, 11.3673,
13.1290)**

Conversions

Conversions Part 1

Format	Color
Hex	695B62
RGB	105, 91, 98
RGB Percent	41%, 36%, 38%
CMY	0.5882, 0.6431, 0.6157
CMYK	0.00, 0.13, 0.07, 0.59
HSL	330°, 7%, 38%
HSV	330°, 13%, 41%
XYZ	11.7714, 11.3673, 13.1290
YIQ	95.9840, 6.0970, 5.1450

Conversions

Conversions Part 2

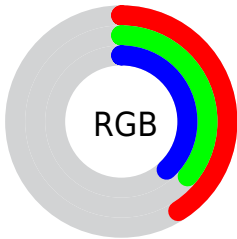
Format	Color
R _Y B	105, 91, 98
Decimal	6904674
CIE Lab	40.19, 7.02, -1.92
CIE LCh	40, 7.280, 344.680
Yxy	11.3673, 0.3246, 0.3134
Android (android.graphics.Color)	4285094754 (0xFF695B62)
YUV	95.9840, 0.9939, 7.9070
Hunter-Lab	33.7154, 3.3195, 0.5129

Details

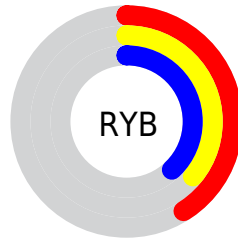
The XYZ color **11.7714, 11.3673, 13.1290** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.5710, 13.2094, 13.4957**, and the grayscale version is **11.1112, 11.6899, 12.7303**.

A 20% lighter version of the original color is **28.6600, 28.2876, 32.3833**, and **3.3031, 3.0242, 3.6585** is the 20% darker color. If you saturate the color by 10%, you get **10.6961, 9.6004, 11.5873**, and if you desaturate by 10%, it is **12.9892, 13.3929, 14.7987**.

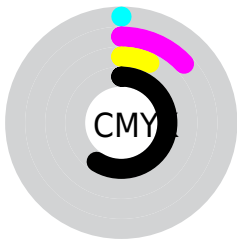
Distribution



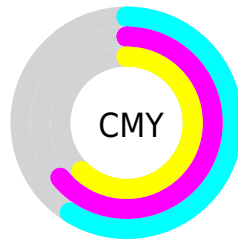
- Red (41%)
- Green (36%)
- Blue (38%)



- Red (41%)
- Yellow (36%)
- Blue (38%)



- Cyan (0%)
- Magenta (13%)
- Yellow (7%)
- Black (59%)



- Cyan (59%)
- Magenta (64%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.7714, 11.3673, 13.1290 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 11.7714, 11.3673, 13.1290 by changing the saturation by 10% instead.

■ 11.7714, 11.3673,
13.1290

■ 11.7714, 11.3673,
13.1290

196.6869,
200.1704, 222.9795

■ 6.6593, 6.3145,
7.3857

■ 28.6986, 28.3374,
32.2299

■ 3.2944, 3.0372,
3.6224

■ 41.2443, 41.0234,
46.4246

■ 1.3113, 1.1512,
1.4205

■ 56.9987, 57.0227,
64.2735

■ 0.1916, 0.0213,
0.1577

■ 76.3270, 76.7195,
86.1950

■ 0.0000, 0.0000,
0.0000

■ 99.5946, 100.4982,
112.6079

127.1669,

128.7434, 143.9306

159.4093,
161.8393, 180.5816

■ 11.7714, 11.3673,
13.1290

■ 11.7714, 11.3673,
13.1290

■ 10.6961, 9.6004,
11.5873

■ 12.9892, 13.3929,
14.7987

■ 9.7569, 8.0803,
10.1696

■ 14.3538, 15.6857,
16.5990

■ 8.9482, 6.7961,
8.8725

■ 15.8704, 18.2555,
18.5331

■ 8.2637, 5.7359,
7.6924

■ 17.5437, 21.1112,
20.6041

■ 7.6965, 4.8865,
6.6253

■ 19.3781, 24.2613,
22.8147

7.2392, 4.2331,
5.6669

21.3780, 27.7140,
25.1678

6.8830, 3.7595,
4.8126

23.5474, 31.4771,
27.6661

6.6155, 3.4408,
4.0563

25.8904, 35.5581,
30.3121

6.4568, 3.2557,
3.5956

28.4108, 39.9644,
33.1085

Harmonies

Analogous

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



11.5039, 11.3673, 14.4689



11.7714, 11.3673, 13.1290



11.7744, 11.3673, 11.6834

Triad

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



11.7714, 11.3673, 13.1290



10.5593, 11.3673, 9.8694



10.1262, 11.3673, 14.4444

Complementary

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



11.7714, 11.3673, 13.1290



11.5710, 13.2094, 13.4957

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.



9.8890, 11.3673, 13.0977



11.7714, 11.3673, 13.1290



10.1336, 11.3673, 10.4972

Square

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



11.7714, 11.3673, 13.1290



11.0637, 11.3673, 9.8764



9.8916, 11.3673, 11.6544



10.5489, 11.3673, 15.2678

Rectangle

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



11.7714, 11.3673, 13.1290



11.6254, 11.3673, 10.8564



9.8916, 11.3673, 11.6544



10.0228, 11.3673, 14.0335

Sweetspot

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



11.7717, 11.3678, 13.1292



23.0783, 23.6801, 26.2560



11.3283, 11.0993, 14.9101



5.3744, 5.4941, 6.1076



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

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



11.7717, 11.3678, 13.1292



20.4490, 19.3161, 22.6210



11.4555, 11.2413, 11.4642



3.1570, 3.1397, 3.5568



8.1567, 4.1148, 4.4536



41.1232, 20.7912, 20.3835

Inverse Universe

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



11.7717, 11.3678, 13.1292



20.4490, 19.3161, 22.6210



11.9161, 13.3475, 15.3130



3.1570, 3.1397, 3.5568



8.1567, 4.1148, 4.4536



41.1232, 20.7912, 20.3835

Previews

White Background



This preview shows how the XYZ color 11.7714, 11.3673, 13.1290 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 11.7714, 11.3673, 13.1290 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 11.7714, 11.3673, 13.1290

Background



This preview shows how black text looks on a background with the XYZ color 11.7714, 11.3673, 13.1290.

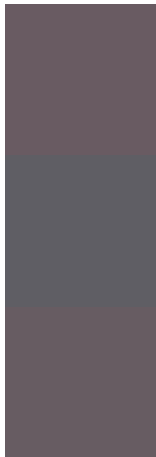


This preview shows how white text looks on a background with the XYZ color 11.7714, 11.3673,

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

11.7714, 11.3673, 13.1290

Protanopia

11.0223, 11.3584, 13.6680

Deuteranopia

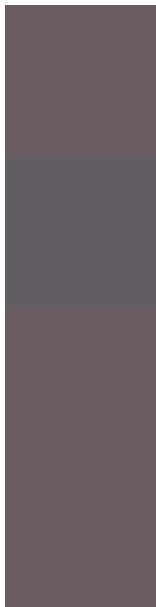
11.6253, 11.4197, 13.1468



Tritanopia

11.7714, 11.3673, 13.1290

Trichromacy



Original Color

11.7714, 11.3673, 13.1290

Protanomaly

11.3121, 11.3822, 13.4052

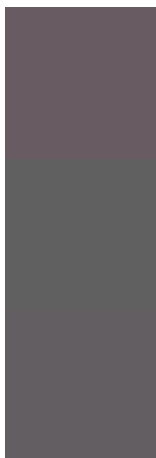
Deuteranomaly

11.7407, 11.4792, 13.1522

Tritanomaly

11.7714, 11.3673, 13.1290

Monochromacy



Original Color

11.7714, 11.3673, 13.1290

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

11.3060, 11.5211, 12.9372

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.7714, 11.3673, 13.1290 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, 91, 98)` looks like.

```
.text, #text, p{  
    color:rgb(105, 91, 98)  
}
```

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, 91, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 91, 98) }
```

Border

The CSS property to change the border of an element to XYZ 11.7714, 11.3673, 13.1290 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, 91, 98) }
```


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

```
.border{ border-color:rgb(105, 91, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 91, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 91, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 91, 98);  
box-shadow:4px 4px 4px 4px rgb(105, 91,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 11.7714, 11.3673, 13.1290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 91, 98) }
```

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

```
.background{ background-color: rgb(105, 91,  
98) }
```

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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