

Converting Colors

XYZ(11.6714, 10.0904, 9.7200)

Have a look what the booklet for
XYZ(11.6714, 10.0904, 9.7200)
contains.

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Color

**XYZ(11.6714, 10.0904,
9.7200)**

Conversions

Conversions Part 1

Format	Color
Hex	745054
RGB	116, 80, 84
RGB Percent	45%, 31%, 33%
CMY	0.5451, 0.6863, 0.6706
CMYK	0.00, 0.31, 0.28, 0.55
HSL	353°, 18%, 38%
HSV	353°, 31%, 45%
XYZ	11.6714, 10.0904, 9.7200
YIQ	91.2200, 20.1720, 8.8760

Conversions

Conversions Part 2

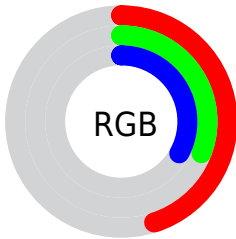
Format	Color
R_{YB}	116, 80, 84
Decimal	7622740
CIE _{Lab}	38.00, 15.75, 3.73
CIE _{LCh}	38, 16.180, 13.312
Yxy	10.0904, 0.3707, 0.3205
Android (android.graphics.Color)	4285812820 (0xFF745054)
YUV	91.2200, -3.5595, 21.7321
Hunter-Lab	31.7654, 9.9959, 4.0934

Details

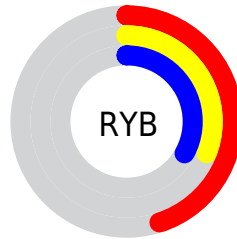
The XYZ color **11.6714, 10.0904, 9.7200** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **12.4788, 15.3665, 17.6384**, and the grayscale version is **9.9988, 10.5196, 11.4558**.

A 20% lighter version of the original color is **28.5785, 26.0937, 25.7206**, and **3.2820, 2.5418, 2.2371** is the 20% darker color. If you saturate the color by 10%, you get **10.5197, 8.3864, 7.4880**, and if you desaturate by 10%, it is **13.0298, 12.1125, 12.3145**.

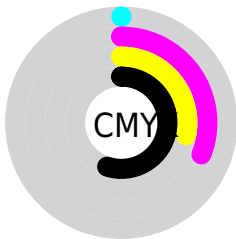
Distribution



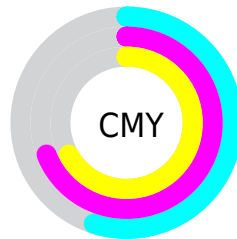
- Red (45%)
- Green (31%)
- Blue (33%)



- Red (45%)
- Yellow (31%)
- Blue (33%)



- Cyan (0%)
- Magenta (31%)
- Yellow (28%)
- Black (55%)



- Cyan (55%)
- Magenta (69%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.6714, 10.0904, 9.7200 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 11.6714, 10.0904, 9.7200 by changing the saturation by 10% instead.

■ 11.6714, 10.0904,
9.7200

■ 11.6714, 10.0904,
9.7200

196.0322,
191.3161, 199.0735

■ 6.5909, 5.4589,
5.1105

■ 28.5173, 25.9654,
25.8670

■ 3.2517, 2.5190,
2.2524

■ 41.0134, 37.9777,
38.2417

■ 1.2882, 0.8861,
0.7044

■ 56.7121, 53.2191,
54.0418

■ 0.1744, 0.0000,
0.0000

■ 75.9788, 72.0740,
73.6859

■ 0.0000, 0.0000,
0.0000

■ 99.1788, 94.9267,
97.5926

126.6775,

122.1617, 126.1804

158.8402,
154.1634, 159.8679

■ 11.6714, 10.0904,
9.7200

■ 11.6714, 10.0904,
9.7200

■ 10.5197, 8.3864,
7.4880

■ 13.0298, 12.1125,
12.3145

■ 9.5637, 6.9829,
5.6018

■ 14.6035, 14.4662,
15.2861

■ 8.7928, 5.8630,
4.0443


■ 16.4017, 17.1660,
18.6492


■ 8.1948, 5.0071,
2.7964


■ 18.4326, 20.2250,
22.4174


■ 7.7563, 4.3937,
1.8375


■ 20.7042, 23.6560,
26.6036


 7.4616, 3.9973,
1.1439

 23.2240, 27.4706,
31.2200

 7.2745, 3.7418,
0.7157

 25.9992, 31.6804,
36.2784

 29.0369, 36.2962,
41.7903

 32.3435, 41.3285,
47.7665

Harmonies

Analogous

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



11.6367, 10.0904, 12.7149



11.6714, 10.0904, 9.7200



11.1207, 10.0904, 7.5075

Triad

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



11.6714, 10.0904, 9.7200



8.2831, 10.0904, 7.3239



9.0277, 10.0904, 17.4370

Complementary

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



11.6714, 10.0904, 9.7200



12.4788, 15.3665, 17.6384

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.



8.2078, 10.0904, 15.4026



11.6714, 10.0904, 9.7200



7.7997, 10.0904, 9.4227

Square

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



11.6714, 10.0904, 9.7200



9.1375, 10.0904, 6.3025



7.7731, 10.0904, 12.3590



10.0585, 10.0904, 17.5561

Rectangle

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



11.6714, 10.0904, 9.7200



10.5172, 10.0904, 6.6227



7.7731, 10.0904, 12.3590



8.7202, 10.0904, 16.9398

Sweetspot

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



11.6717, 10.0909, 9.7202



26.2109, 26.2394, 27.8852



12.6781, 10.4304, 17.8683



6.1674, 6.1315, 6.4919



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.



11.6717, 10.0909, 9.7202



19.0807, 15.6112, 14.3107



12.6357, 12.2625, 9.2909



3.6990, 3.7069, 3.9416



8.1593, 4.1975, 0.7813



39.5952, 20.3882, 2.9316

Inverse Universe

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



11.6717, 10.0909, 9.7202



19.0807, 15.6112, 14.3107



11.2321, 12.5090, 18.3457



3.6990, 3.7069, 3.9416



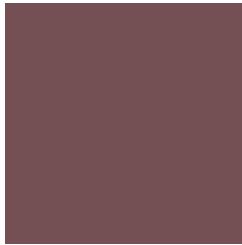
8.1593, 4.1975, 0.7813



39.5952, 20.3882, 2.9316

Previews

White Background



This preview shows how the XYZ color 11.6714, 10.0904, 9.7200 looks on a white background.

Color Contrast Check

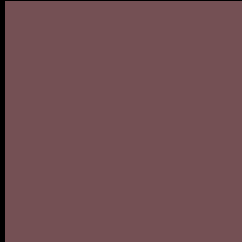
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.6714, 10.0904, 9.7200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

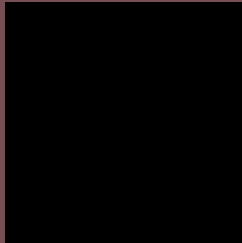
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.6714, 10.0904, 9.7200

Background



This preview shows how black text looks on a background with the XYZ color 11.6714, 10.0904, 9.7200.



This preview shows how white text looks on a background with the XYZ color 11.6714, 10.0904,

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

11.6714, 10.0904, 9.7200

Protanopia

9.6899, 10.0902, 10.8881

Deuteranopia

10.3364, 10.2076, 9.6091



Tritanopia

11.7508, 10.1222, 10.1385

Trichromacy



Original Color

11.6714, 10.0904, 9.7200

Protanomaly

10.3036, 10.0530, 10.4142

Deuteranomaly

10.6755, 10.0294, 9.5568

Tritanomaly

11.7108, 10.1062, 9.9278

Monochromacy



Original Color

11.6714, 10.0904, 9.7200

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

10.4252, 10.2303, 10.6577

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6714, 10.0904, 9.7200 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(116, 80, 84)` looks like.

```
.text, #text, p{  
    color:rgb(116, 80, 84)  
}
```

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(116, 80, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 80, 84) }
```

Border

The CSS property to change the border of an element to XYZ 11.6714, 10.0904, 9.7200 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(116, 80, 84) }
```


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

```
.border{ border-color:rgb(116, 80, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 80, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 80, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 80, 84);  
box-shadow:4px 4px 4px 4px rgb(116, 80,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 11.6714, 10.0904, 9.7200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 80, 84) }
```

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

```
.background{ background-color: rgb(116, 80,  
84) }
```

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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