

Converting Colors

XYZ(11.7224, 11.0927, 7.6826)

Have a look what the booklet for
XYZ(11.7224, 11.0927, 7.6826)
contains.

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Color

**XYZ(11.7297, 11.0922,
7.6537)**

Conversions

Conversions Part 1

Format	Color
Hex	735848
RGB	115, 88, 72
RGB Percent	45%, 35%, 28%
CMY	0.5490, 0.6549, 0.7176
CMYK	0.00, 0.23, 0.37, 0.55
HSL	22°, 23%, 37%
HSV	22°, 37%, 45%
XYZ	11.7297, 11.0922, 7.6537
YIQ	94.2490, 21.2280, 0.7480

Conversions

Conversions Part 2

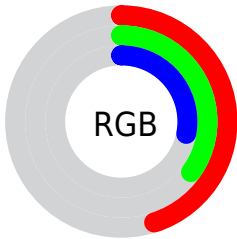
Format	Color
R_{YB}	115, 97, 72
Decimal	7559240
CIE Lab	39.74, 8.70, 13.55
CIE LCh	40, 16.105, 57.316
Yxy	11.0922, 0.3849, 0.3640
Android (android.graphics.Color)	4285749320 (0xFF735848)
YUV	94.2490, -10.9688, 18.1986
Hunter-Lab	33.3050, 4.5824, 9.6882

Details

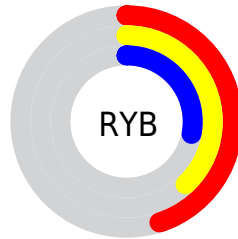
The XYZ color **11.7297, 11.0922, 7.6537** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **10.2287, 11.5389, 17.9079**, and the grayscale version is **10.7202, 11.2785, 12.2823**.

A 20% lighter version of the original color is **28.6881, 27.8823, 21.9589**, and **3.3202, 2.9698, 1.4968** is the 20% darker color. If you saturate the color by 10%, you get **10.8255, 9.8291, 5.6714**, and if you desaturate by 10%, it is **12.7634, 12.5019, 10.0258**.

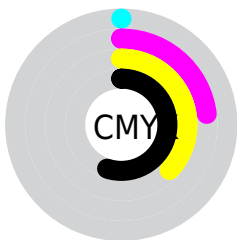
Distribution



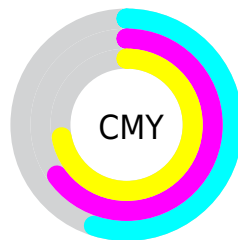
- Red (45%)
- Green (35%)
- Blue (28%)



- Red (45%)
- Yellow (38%)
- Blue (28%)



- Cyan (0%)
- Magenta (23%)
- Yellow (37%)
- Black (55%)



- Cyan (55%)
- Magenta (65%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.7297, 11.0922, 7.6537 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 11.7297, 11.0922, 7.6537 by changing the saturation by 10% instead.

■ 11.7297, 11.0922,
7.6537

■ 11.7297, 11.0922,
7.6537

196.4142,
198.2990, 182.8220

■ 6.6308, 6.1289,
3.7896

■ 28.6230, 27.8305,
21.8116

■ 3.2766, 2.9236,
1.5106

■ 41.1481, 40.3743,
32.9424

■ 1.3016, 1.0920,
0.2258

■ 56.8793, 56.2138,
47.3325

■ 0.1845, 0.0000,
0.0000

■ 76.1819, 75.7332,
65.4005

■ 0.0000, 0.0000,
0.0000

■ 99.4214, 99.3171,
87.5650

126.9630,

127.3497, 114.2443

159.1722,
160.2156, 145.8571

■ 11.7297, 11.0922,
7.6537

■ 11.7297, 11.0922,
7.6537

■ 10.8255, 9.8291,
5.6714

■ 12.7634, 12.5019,
10.0258

■ 10.0443, 8.7060,
4.0569

■ 13.9310, 14.0613,
12.8066

■ 9.3804, 7.7182,
2.7871

■ 15.2377, 15.7754,
16.0145

■ 8.8270, 6.8599,
1.8362

■ 16.6882, 17.6485,
19.6668

■ 8.3766, 6.1252,
1.1743

■ 18.2869, 19.6847,
23.7796

■ 8.0130, 5.5040,
0.7262

■ 20.0381, 21.8880,
28.3684

■ 7.9268, 5.3579,
0.6164

■ 21.9458, 24.2621,
33.4478

■ 24.0140, 26.8108,
39.0318

■ 26.2464, 29.5375,
45.1340

Harmonies

Analogous

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



12.5411, 11.0922, 9.4997



11.7297, 11.0922, 7.6537



10.6424, 11.0922, 6.9707

Triad

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



11.7297, 11.0922, 7.6537



8.5635, 11.0922, 11.7954



11.5460, 11.0922, 18.3159

Complementary

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



11.7297, 11.0922, 7.6537



10.2287, 11.5389, 17.9079

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.



10.4438, 11.0922, 19.2153



11.7297, 11.0922, 7.6537



8.7689, 11.0922, 15.0839

Square

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



11.7297, 11.0922, 7.6537



8.8570, 11.0922, 9.0863



9.4388, 11.0922, 17.9432



12.4299, 11.0922, 15.6623

Rectangle

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



11.7297, 11.0922, 7.6537



9.9242, 11.0922, 7.1585



9.4388, 11.0922, 17.9432



11.1866, 11.0922, 18.8516

Sweetspot

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



11.7300, 11.0927, 7.6539



26.3436, 27.0188, 26.3446



11.6510, 9.1850, 13.0219



6.2264, 6.3694, 6.1417



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.



11.7300, 11.0927, 7.6539



19.5688, 17.8606, 10.5486



13.7372, 15.1071, 8.3230



3.7853, 3.9035, 3.8962



9.0424, 6.0860, 0.6981



43.3029, 28.1343, 3.1482

Inverse Universe

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



10.2287, 11.5389, 17.9079



16.4522, 18.7758, 31.8015



8.4726, 8.0266, 17.3225



3.6742, 3.9371, 4.6565



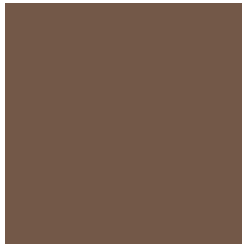
6.1810, 6.7017, 19.5103



29.2796, 30.9758, 94.7960

Previews

White Background



This preview shows how the XYZ color 11.7297, 11.0922, 7.6537 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 11.7297, 11.0922, 7.6537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

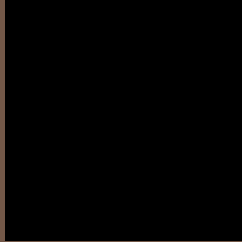
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.7297, 11.0922, 7.6537

Background



This preview shows how black text looks on a background with the XYZ color 11.7297, 11.0922, 7.6537.

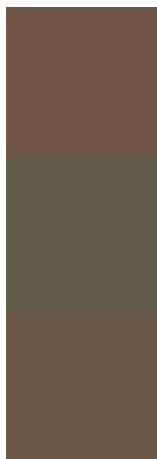


This preview shows how white text looks on a background with the XYZ color 11.7297, 11.0922,

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

11.7297, 11.0922, 7.6537

Protanopia

10.5282, 11.2227, 8.2679

Deuteranopia

11.2563, 11.0952, 7.6792



Tritanopia

12.5164, 11.0516, 11.5987

Trichromacy



Original Color

11.7297, 11.0922, 7.6537

Protanomaly

10.8889, 11.1520, 8.0572

Deuteranomaly

11.4242, 11.0574, 7.6631

Tritanomaly

12.1699, 11.0245, 10.0808

Monochromacy



Original Color

11.7297, 11.0922, 7.6537

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

10.9864, 11.1510, 10.3774

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.7297, 11.0922, 7.6537 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(115, 88, 72)` looks like.

```
.text, #text, p{  
    color:rgb(115, 88, 72)  
}
```

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(115, 88, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 88, 72) }
```

Border

The CSS property to change the border of an element to XYZ 11.7297, 11.0922, 7.6537 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(115, 88, 72) }
```


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

```
.border{ border-color:rgb(115, 88, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 88, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 88, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 88, 72);  
box-shadow:4px 4px 4px 4px rgb(115, 88,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 11.7297, 11.0922, 7.6537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 88, 72) }
```

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

```
.background{ background-color: rgb(115, 88,  
72) }
```

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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