

Converting Colors

XYZ(11.7520, 11.9588, 11.7452)

Have a look what the booklet for
XYZ(11.7520, 11.9588, 11.7452)
contains.

XYZ(11.7329, 11.9002, 11.8038)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(11.7329, 11.9002,
11.8038)**

Conversions

Conversions Part 1

Format	Color
Hex	685F5C
RGB	104, 95, 92
RGB Percent	41%, 37%, 36%
CMY	0.5922, 0.6274, 0.6392
CMYK	0.00, 0.09, 0.12, 0.59
HSL	15°, 6%, 38%
HSV	15°, 12%, 41%
XYZ	11.7329, 11.9002, 11.8038
YIQ	97.3490, 6.3270, 0.9750

Conversions

Conversions Part 2

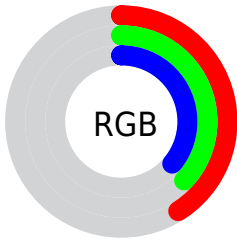
Format	Color
RYB	104, 96, 92
Decimal	6840156
CIELab	41.06, 3.02, 3.01
CIElCh	41, 4.266, 44.888
Yxy	11.9002, 0.3311, 0.3358
Android (android.graphics.Color)	4285030236 (0xFF685F5C)
YUV	97.3490, -2.6371, 5.8329
Hunter-Lab	34.4967, 0.3417, 3.8603

Details

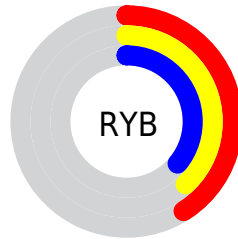
The XYZ color **11.7329, 11.9002, 11.8038** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.5659, 12.5819, 14.9158**, and the grayscale version is **11.4537, 12.0502, 13.1226**.

A 20% lighter version of the original color is **28.5255, 29.1724, 29.7186**, and **3.2788, 3.2637, 3.0419** is the 20% darker color. If you saturate the color by 10%, you get **10.6416, 10.3958, 9.3489**, and if you desaturate by 10%, it is **12.9576, 13.5713, 14.6114**.

Distribution



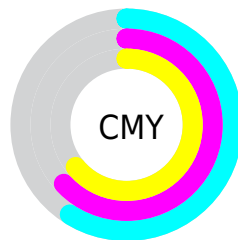
- Red (41%)
- Green (37%)
- Blue (36%)



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



- Cyan (0%)
- Magenta (9%)
- Yellow (12%)
- Black (59%)



- Cyan (59%)
- Magenta (63%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.7329, 11.9002, 11.8038 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 11.7329, 11.9002, 11.8038 by changing the saturation by 10% instead.

■ 11.7329, 11.9002,
11.8038

■ 11.7329, 11.9002,
11.8038

196.4352,
203.7435, 214.0336

■ 6.6330, 6.6758,
6.4893

■ 28.6288, 29.3132,
29.7963

■ 3.2779, 3.2602,
3.0713

■ 41.1555, 42.2706,
43.3114

■ 1.3024, 1.2690,
1.1311

■ 56.8884, 58.5743,
60.3971

■ 0.1850, 0.1170,
0.0000

■ 76.1931, 78.6090,
81.4719

■ 0.0000, 0.0000,
0.0000

99.4347, 102.7588,
106.9545

126.9787,

131.4082, 137.2632

159.1904,
164.9416, 172.8168

■ 11.7329, 11.9002,
11.8038

■ 11.7329, 11.9002,
11.8038

■ 10.6416, 10.3958,
9.3489

■ 12.9576, 13.5713,
14.6114

■ 9.6781, 9.0514,
7.2321

■ 14.3192, 15.4125,
17.7843

■ 8.8380, 7.8621,
5.4385

■ 15.8220, 17.4288,
21.3351

■ 8.1161, 6.8223,
3.9522

■ 17.4701, 19.6250,
25.2758

■ 7.5067, 5.9258,
2.7557

■ 19.2673, 22.0052,
29.6179

■ 7.0040, 5.1662,
1.8297

■ 21.2172, 24.5737,
34.3722

■ 6.6011, 4.5365,
1.1528

■ 23.3234, 27.3345,
39.5493

■ 6.2905, 4.0290,
0.6988

■ 25.5894, 30.2917,
45.1592

■ 6.0788, 3.6827,
0.3904

■ 28.0183, 33.4489,
51.2119

Harmonies

Analogous

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



11.8892, 11.9002, 12.5290



11.7329, 11.9002, 11.8038



11.4649, 11.9002, 11.3972

Triad

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



11.7329, 11.9002, 11.8038



10.7521, 11.9002, 12.5228



11.4627, 11.9002, 14.6555

Complementary

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



11.7329, 11.9002, 11.8038



11.5659, 12.5819, 14.9158

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.



11.1580, 11.9002, 14.6536



11.7329, 11.9002, 11.8038



10.7515, 11.9002, 13.3952

Square

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



11.7329, 11.9002, 11.8038



10.9005, 11.9002, 11.7994



10.8989, 11.9002, 14.1836



11.7312, 11.9002, 14.1885

Rectangle

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



11.7329, 11.9002, 11.8038



11.2607, 11.9002, 11.3494



10.8989, 11.9002, 14.1836



11.3610, 11.9002, 14.7103

Sweetspot

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



11.7332, 11.9007, 11.8041



22.3852, 23.3370, 24.8313



11.8852, 11.5371, 13.9125



5.4242, 5.6430, 5.9724



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.



11.7332, 11.9007, 11.8041



20.0144, 20.0953, 19.4168



12.2945, 13.0233, 11.9911



2.8800, 2.9474, 2.9916



7.4696, 4.4924, 0.4734



38.3516, 22.2170, 2.2670

Inverse Universe

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



11.5659, 12.5819, 14.9158



19.6548, 21.5585, 26.1024



11.0047, 11.4594, 14.7287



2.8486, 3.0752, 3.5754



6.4113, 7.8944, 17.3302



32.7198, 39.7363, 90.1468

Previews

White Background



This preview shows how the XYZ color 11.7329, 11.9002, 11.8038 looks on a white background.

Color Contrast Check

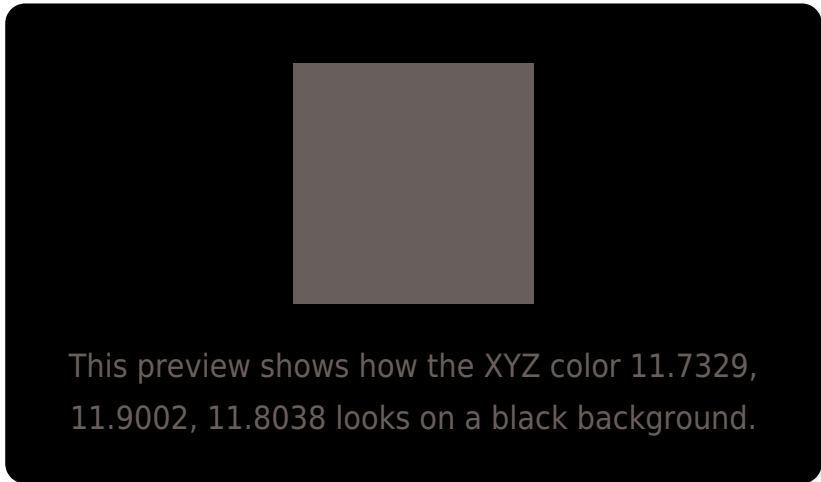
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 11.7329, 11.9002, 11.8038

Background



This preview shows how black text looks on a background with the XYZ color 11.7329, 11.9002, 11.8038.

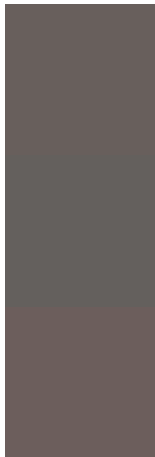


This preview shows how white text looks on a background with the XYZ color 11.7329, 11.9002,

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

11.7329, 11.9002, 11.8038

Protanopia

11.4142, 11.8654, 12.0446

Deuteranopia

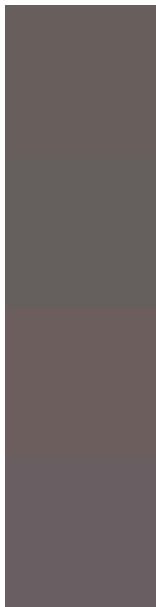
12.1188, 11.9663, 11.7962



Tritanopia

12.1774, 11.9483, 13.9763

Trichromacy



Original Color

11.7329, 11.9002, 11.8038

Protanomaly

11.5255, 11.9228, 12.0498

Deuteranomaly

11.9979, 11.9039, 11.7905

Tritanomaly

12.0330, 11.8905, 13.2162

Monochromacy



Original Color

11.7329, 11.9002, 11.8038

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.5040, 11.9013, 12.5173

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.7329, 11.9002, 11.8038 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(104, 95, 92) looks like.

```
.text, #text, p{  
    color:rgb(104, 95, 92)  
}
```

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(104, 95, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 95, 92) }
```

Border

The CSS property to change the border of an element to XYZ 11.7329, 11.9002, 11.8038 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(104, 95, 92) }
```


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

```
.border{ border-color:rgb(104, 95, 92) }
```

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

Here you see how a box with a 4 pixel rgb(104, 95, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 95, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 95, 92);  
box-shadow:4px 4px 4px 4px rgb(104, 95,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 11.7329, 11.9002, 11.8038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 95, 92) }
```

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

```
.background{ background-color: rgb(104, 95,  
92) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor