

Converting Colors

XYZ(12.1489, 11.7549, 10.2229)

Have a look what the booklet for
XYZ(12.1489, 11.7549, 10.2229)
contains.

XYZ(12.1489, 11.7549, 10.2229)	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(12.1489, 11.7549,
10.2229)**

Conversions

Conversions Part 1	
Format	Color
Hex	705C55
RGB	112, 92, 85
RGB Percent	44%, 36%, 33%
CMY	0.5608, 0.6392, 0.6667
CMYK	0.00, 0.18, 0.24, 0.56
HSL	16°, 14%, 39%
HSV	16°, 24%, 44%
XYZ	12.1489, 11.7549, 10.2229
YIQ	97.1820, 14.1670, 2.0630

Conversions

Conversions Part 2

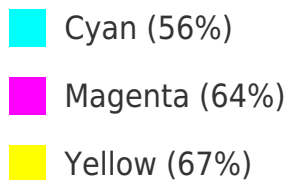
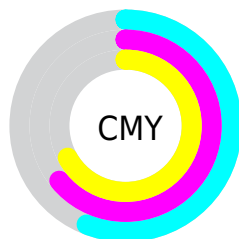
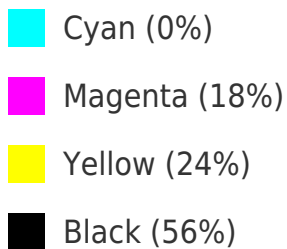
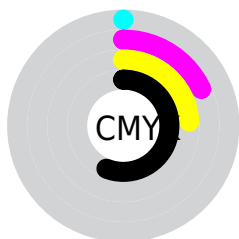
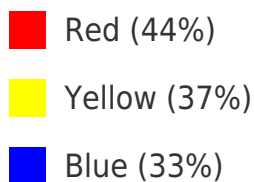
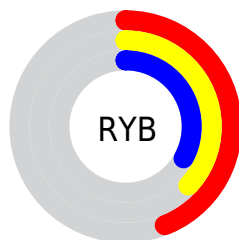
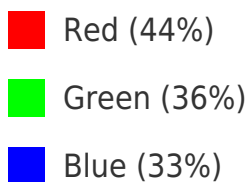
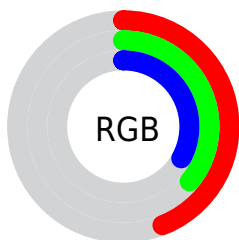
Format	Color
RYB	112, 94, 85
Decimal	7363669
CIELab	40.82, 6.94, 7.07
CIELCh	41, 9.905, 45.556
Yxy	11.7549, 0.3560, 0.3444
Android (android.graphics.Color)	4285553749 (0xFF705C55)
YUV	97.1820, -6.0057, 12.9954
Hunter-Lab	34.2854, 3.2513, 6.3213

Details

The XYZ color **12.1489, 11.7549, 10.2229** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.7223, 13.2039, 17.2600**, and the grayscale version is **11.4191, 12.0138, 13.0831**.

A 20% lighter version of the original color is **29.3560, 28.9878, 26.9696**, and **3.4744, 3.1972, 2.4415** is the 20% darker color. If you saturate the color by 10%, you get **11.0591, 10.2318, 7.8355**, and if you desaturate by 10%, it is **13.3885, 13.4646, 13.0081**.


Distribution




Brightness & Saturation Gradients


These gradients show how the XYZ color 12.1489, 11.7549, 10.2229 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 12.1489, 11.7549, 10.2229 by changing the saturation by 10% instead.


 12.1489, 11.7549,
10.2229


 12.1489, 11.7549,
10.2229


199.1384,
202.7758, 202.7979


 6.9181, 6.5770,
5.4395


 29.3805, 29.0479,
26.8283


 3.4568, 3.1990,
2.4441


 42.1120, 41.9318,
39.4873


 1.3997, 1.2365,
0.8103

 58.0745, 58.1532,
55.6085

 0.2560, 0.0912,
0.0000

 77.6332, 78.0964,
75.6106


 0.0000, 0.0000,
0.0000


 101.1537,
102.1459, 99.9121


129.0011,


130.6861, 128.9314


161.5409,
164.1012, 163.0872


 12.1489, 11.7549,
10.2229


 12.1489, 11.7549,
10.2229


 11.0591, 10.2318,
7.8355


 13.3885, 13.4646,
13.0081


 10.1123, 8.8875,
5.8268


 14.7824, 15.3655,
16.2074


 9.3026, 7.7156,
4.1774

 16.3363, 17.4637,
19.8371


 8.6233, 6.7090,
2.8659


 18.0549, 19.7650,
23.9124


 8.0671, 5.8600,
1.8683

 19.9432, 22.2745,
28.4478


 7.6258, 5.1602,
1.1578


 22.0055, 24.9973,
33.4571

 7.2885, 4.5996,
0.6932

 24.2464, 27.9385,
38.9536

 7.1226, 4.3258,
0.4596

 26.6700, 31.1027,
44.9498

 29.2804, 34.4946,
51.4582

Harmonies

Analogous

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



12.5300, 11.7549, 11.7860



12.1489, 11.7549, 10.2229



11.5142, 11.7549, 9.3959

Triad

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



12.1489, 11.7549, 10.2229



9.9108, 11.7549, 11.8550



11.5401, 11.7549, 16.9148

Complementary

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



12.1489, 11.7549, 10.2229



11.7223, 13.2039, 17.2600

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.



10.8380, 11.7549, 16.9383



12.1489, 11.7549, 10.2229



9.9171, 11.7549, 13.8686

Square

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



12.1489, 11.7549, 10.2229



10.2327, 11.7549, 10.2688



10.2502, 11.7549, 15.7753



12.1686, 11.7549, 15.7142

Rectangle

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



12.1489, 11.7549, 10.2229



11.0420, 11.7549, 9.3112



10.2502, 11.7549, 15.7753



11.3044, 11.7549, 17.0645

Sweetspot

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



12.1492, 11.7554, 10.2231



25.1862, 25.9295, 26.6639



12.4933, 10.9669, 14.8905



6.0279, 6.1981, 6.3529



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.



12.1492, 11.7554, 10.2231



20.2290, 19.0990, 15.5045



13.3989, 14.2548, 10.6397



3.4484, 3.5293, 3.5728



8.2171, 4.9667, 0.5256



40.3232, 23.5217, 2.4149

Inverse Universe

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



11.7223, 13.2039, 17.2600



19.3372, 22.1164, 30.1795



10.4766, 10.7123, 16.8448



3.4053, 3.6759, 4.2843



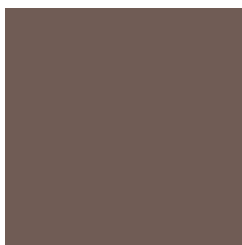
6.9341, 8.4584, 18.9888



33.8172, 40.6863, 94.3500

Previews

White Background



This preview shows how the XYZ color 12.1489, 11.7549, 10.2229 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 12.1489, 11.7549, 10.2229 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 12.1489, 11.7549, 10.2229

Background



This preview shows how black text looks on a background with the XYZ color 12.1489, 11.7549, 10.2229.



This preview shows how white text looks on a background with the XYZ color 12.1489, 11.7549,

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

12.1489, 11.7549, 10.2229

Protanopia

11.1587, 11.7632, 10.6992

Deuteranopia

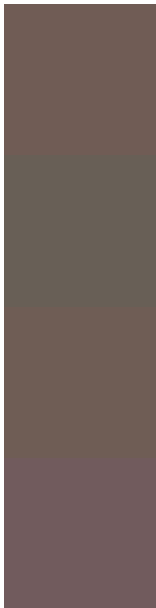
11.9845, 11.7996, 10.2402



Tritanopia

12.6239, 11.6861, 12.8996

Trichromacy



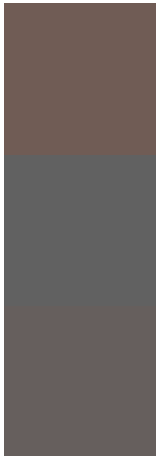
Original Color
12.1489, 11.7549, 10.2229

Protanomaly
11.4808, 11.7994, 10.4765

Deuteranomaly
12.1096, 11.8641, 10.2461

Tritanomaly
12.5269, 11.7832, 11.9701

Monochromacy



Original Color
12.1489, 11.7549, 10.2229

Achromatopsia
11.3621, 11.9538, 13.0177

Achromatomaly
11.5475, 11.7995, 12.0248

CSS Examples

Text

The CSS property to change the color of the text to XYZ 12.1489, 11.7549, 10.2229 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(112, 92, 85)` looks like.

```
.text, #text, p{  
    color:rgb(112, 92, 85)  
}
```

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(112, 92, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 92, 85) }
```

Border

The CSS property to change the border of an element to XYZ 12.1489, 11.7549, 10.2229 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(112, 92, 85) }
```

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

```
.border{ border-color:rgb(112, 92, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 92, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 92, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 92, 85);  
box-shadow:4px 4px 4px 4px rgb(112, 92,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 12.1489, 11.7549, 10.2229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 92, 85) }
```

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

```
.background{ background-color: rgb(112, 92,  
85) }
```

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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