

Converting Colors

XYZ(13.3614, 12.2089, 14.9119)

Have a look what the booklet for
XYZ(13.3614, 12.2089, 14.9119)
contains.

XYZ(13.3611, 12.1469, 15.0050)	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(13.3611, 12.1469,
15.0050)**

Conversions

Conversions Part 1

Format	Color
Hex	735B69
RGB	115, 91, 105
RGB Percent	45%, 36%, 41%
CMY	0.5490, 0.6431, 0.5882
CMYK	0.00, 0.21, 0.09, 0.55
HSL	325°, 12%, 40%
HSV	325°, 21%, 45%
XYZ	13.3611, 12.1469, 15.0050
YIQ	99.7720, 9.8100, 9.4420

Conversions

Conversions Part 2

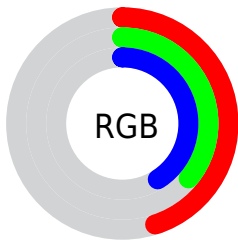
Format	Color
R_{YB}	115, 91, 105
Decimal	7560041
CIE _{Lab}	41.45, 12.36, -4.26
CIE _{LCh}	41, 13.068, 340.994
Yxy	12.1469, 0.3298, 0.2998
Android (android.graphics.Color)	4285750121 (0xFF735B69)
YUV	99.7720, 2.5774, 13.3550
Hunter-Lab	34.8524, 7.4385, -1.1294

Details

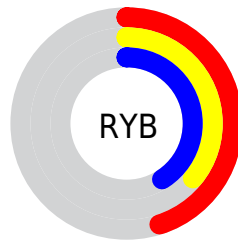
The XYZ color **13.3611, 12.1469, 15.0050** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.7945, 15.4255, 14.6156**, and the grayscale version is **12.0472, 12.6746, 13.8027**.

A 20% lighter version of the original color is **31.4620, 29.6655, 35.5203**, and **4.0168, 3.3756, 4.4428** is the 20% darker color. If you saturate the color by 10%, you get **12.2130, 10.2338, 13.4412**, and if you desaturate by 10%, it is **14.6744, 14.3680, 16.6926**.

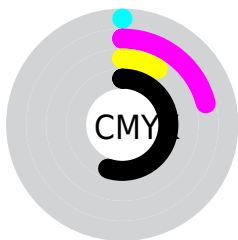
Distribution



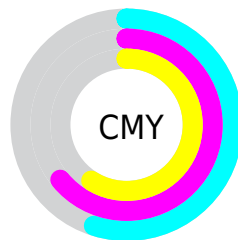
- Red (45%)
- Green (36%)
- Blue (41%)



- Red (45%)
- Yellow (36%)
- Blue (41%)



- Cyan (0%)
- Magenta (21%)
- Yellow (9%)
- Black (55%)



- Cyan (55%)
- Magenta (64%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.3611, 12.1469, 15.0050 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 13.3611, 12.1469, 15.0050 by changing the saturation by 10% instead.

■ 13.3611, 12.1469,
15.0050

■ 13.3611, 12.1469,
15.0050

206.8103,
205.3754, 235.0383

■ 7.7564, 6.8438,
8.6762

■ 31.5468, 29.7624,
35.6044

■ 3.9899, 3.3646,
4.4367

■ 44.8586, 42.8435,
50.7121

■ 1.6964, 1.3249,
1.8678

■ 61.4700, 59.2862,
69.5832

■ 0.4540, 0.1604,
0.4722

■ 81.7465, 79.4747,
92.6362

■ 0.0000, 0.0000,
0.0000

■ 106.0534,
103.7935, 120.2896

134.7561,

132.6269, 152.9621

168.2200,
166.3594, 191.0722

■ 13.3611, 12.1469,
15.0050

■ 13.3611, 12.1469,
15.0050

■ 12.2130, 10.2338,
13.4412

■ 14.6744, 14.3680,
16.6926

■ 11.2221, 8.6133,
11.9971

■ 16.1586, 16.9084,
18.5067

■ 10.3811, 7.2710,
10.6691

■ 17.8202, 19.7807,
20.4505

■ 9.6818, 6.1910,
9.4535

■ 19.6652, 22.9965,
22.5271

■ 9.1149, 5.3554,
8.3458

■ 21.6991, 26.5668,
24.7395

■ 8.6704, 4.7440,
7.3416

■ 23.9275, 30.5019,
27.0903

■ 8.3364, 4.3338,
6.4355

■ 26.3554, 34.8119,
29.5824

■ 8.0858, 4.0511,
5.6786

■ 28.9879, 39.5065,
32.2183

■ 31.8298, 44.5950,
35.0006

Harmonies

Analogous

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



12.7863, 12.1469, 17.5835



13.3611, 12.1469, 15.0050



13.4341, 12.1469, 12.2525

Triad

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



13.3611, 12.1469, 15.0050



11.2002, 12.1469, 8.7240



10.2199, 12.1469, 16.9655

Complementary

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



13.3611, 12.1469, 15.0050



12.7945, 15.4255, 14.6156

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.



9.8423, 12.1469, 14.2495



13.3611, 12.1469, 15.0050



10.3873, 12.1469, 9.6552

Square

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



13.3611, 12.1469, 15.0050



12.1508, 12.1469, 8.8683



9.9019, 12.1469, 11.5933



10.9602, 12.1469, 18.8183

Rectangle

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



13.3611, 12.1469, 15.0050



13.1841, 12.1469, 10.7093



9.9019, 12.1469, 11.5933



10.0482, 12.1469, 16.1088

Sweetspot

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



13.3615, 12.1474, 15.0053



27.4901, 27.7984, 31.3925



12.2029, 11.4873, 17.7939



6.5279, 6.5800, 7.4521



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.



13.3615, 12.1474, 15.0053



22.9052, 20.0438, 25.5011



12.7875, 11.9179, 11.9829



3.7651, 3.7333, 4.2900



9.2329, 4.6269, 6.4346



44.5588, 22.3736, 29.0695

Inverse Universe

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



13.3615, 12.1474, 15.0053



22.9052, 20.0438, 25.5011



13.4261, 15.6781, 17.9415



3.7651, 3.7333, 4.2900



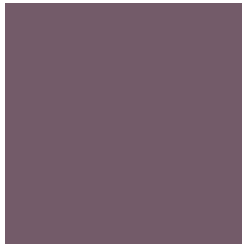
9.2329, 4.6269, 6.4346



44.5588, 22.3736, 29.0695

Previews

White Background



This preview shows how the XYZ color 13.3611, 12.1469, 15.0050 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 13.3611, 12.1469, 15.0050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

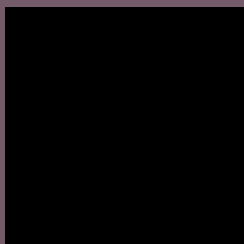
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

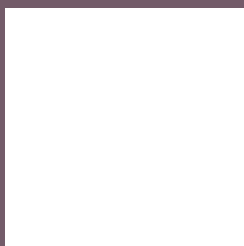
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.3611, 12.1469, 15.0050

Background



This preview shows how black text looks on a background with the XYZ color 13.3611, 12.1469, 15.0050.



This preview shows how white text looks on a background with the XYZ color 13.3611, 12.1469,

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

13.3611, 12.1469, 15.0050

Protanopia

11.8589, 12.1403, 16.1863

Deuteranopia

12.4166, 12.1872, 14.7946



Tritanopia

13.0187, 12.1326, 13.4600

Trichromacy



Original Color

13.3611, 12.1469, 15.0050

Protanomaly

12.3925, 12.1507, 15.8795

Deuteranomaly

12.8081, 12.2561, 14.7873

Tritanomaly

13.1155, 12.1713, 13.9699

Monochromacy



Original Color

13.3611, 12.1469, 15.0050

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

12.4987, 12.5120, 14.3267

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.3611, 12.1469, 15.0050 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, 91, 105)` looks like.

```
.text, #text, p{  
    color:rgb(115, 91, 105)  
}
```

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, 91, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 91, 105) }
```

Border

The CSS property to change the border of an element to XYZ 13.3611, 12.1469, 15.0050 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, 91, 105) }
```


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

```
.border{ border-color:rgb(115, 91, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 91, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 91, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 91, 105);  
box-shadow:4px 4px 4px 4px rgb(115, 91,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 13.3611, 12.1469, 15.0050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 91, 105) }
```

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

```
.background{ background-color: rgb(115, 91,  
105) }
```

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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