

Converting Colors

XYZ(13.3974, 12.7529, 11.9702)

Have a look what the booklet for
XYZ(13.3974, 12.7529, 11.9702)
contains.

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Color

**XYZ(13.3601, 12.7390,
11.8799)**

Conversions

Conversions Part 1

Format	Color
Hex	755F5C
RGB	117, 95, 92
RGB Percent	46%, 37%, 36%
CMY	0.5412, 0.6274, 0.6392
CMYK	0.00, 0.19, 0.21, 0.54
HSL	7°, 12%, 41%
HSV	7°, 21%, 46%
XYZ	13.3601, 12.7390, 11.8799
YIQ	101.2360, 14.0750, 3.7310

Conversions

Conversions Part 2

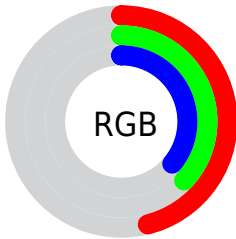
Format	Color
RYB	117, 95, 92
Decimal	7692124
CIELab	42.37, 8.39, 5.06
CIElCh	42, 9.799, 31.122
Yxy	12.7390, 0.3518, 0.3354
Android (android.graphics.Color)	4285882204 (0xFF755F5C)
YUV	101.2360, -4.5533, 13.8250
Hunter-Lab	35.6917, 4.3554, 5.2497

Details

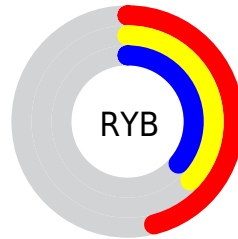
The XYZ color **13.3601, 12.7390, 11.8799** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.6417, 15.5940, 19.1207**, and the grayscale version is **12.4398, 13.0876, 14.2524**.

A 20% lighter version of the original color is **31.3701, 30.6388, 29.8517**, and **3.9754, 3.6228, 3.0745** is the 20% darker color. If you saturate the color by 10%, you get **12.0208, 10.8167, 9.1020**, and if you desaturate by 10%, it is **14.9017, 14.9393, 15.1153**.

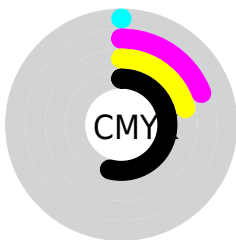
Distribution



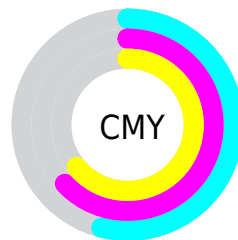
- Red (46%)
- Green (37%)
- Blue (36%)



- Red (46%)
- Yellow (37%)
- Blue (36%)



- Cyan (0%)
- Magenta (19%)
- Yellow (21%)
- Black (54%)



- Cyan (54%)
- Magenta (63%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.3601, 12.7390, 11.8799 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 13.3601, 12.7390, 11.8799 by changing the saturation by 10% instead.

■ 13.3601, 12.7390,
11.8799

■ 13.3601, 12.7390,
11.8799

206.8041,
209.2381, 214.5582

■ 7.7557, 7.2491,
6.5404

■ 31.5451, 30.8341,
29.9373

■ 3.9895, 3.6183,
3.1023

■ 44.8563, 44.2080,
43.4923

■ 1.6962, 1.4625,
1.1471

■ 61.4672, 60.9788,
60.6228

■ 0.4539, 0.2621,
0.0000

■ 81.7431, 81.5307,
81.7475

■ 0.0000, 0.0000,
0.0000

106.0494,
106.2482, 107.2848

134.7514,

135.5157, 137.6534

168.2145,
169.7175, 173.2716

■ 13.3601, 12.7390,
11.8799

■ 13.3601, 12.7390,
11.8799

■ 12.0208, 10.8167,
9.1020

■ 14.9017, 14.9393,
15.1153

■ 10.8744, 9.1595,
6.7602

■ 16.6524, 17.4261,
18.8267

■ 9.9123, 7.7564,
4.8326

■ 18.6201, 20.2099,
23.0327

■ 9.1246, 6.5948,
3.2949

■ 20.8118, 23.3001,
27.7503

■ 8.5010, 5.6609,
2.1205

■ 23.2344, 26.7056,
32.9962

■ 8.0294, 4.9398,
1.2793

■ 25.8943, 30.4349,
38.7859

■ 7.6967, 4.4144,
0.7364

■ 28.7977, 34.4965,
45.1345

■ 7.4939, 4.0974,
0.3959

■ 31.9507, 38.8981,
52.0564

■ 35.3591, 43.6475,
59.5656

Harmonies

Analogous

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



13.5784, 12.7390, 13.7914



13.3601, 12.7390, 11.8799



12.8043, 12.7390, 10.6164

Triad

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



13.3601, 12.7390, 11.8799



10.9109, 12.7390, 12.0042



12.1358, 12.7390, 18.3291

Complementary

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



13.3601, 12.7390, 11.8799



13.6417, 15.5940, 19.1207

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.



11.4375, 12.7390, 17.7299



13.3601, 12.7390, 11.8799



10.7478, 12.7390, 13.9501

Square

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



13.3601, 12.7390, 11.8799



11.3914, 12.7390, 10.6829



10.9368, 12.7390, 16.0721



12.8541, 12.7390, 17.6367

Rectangle

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



13.3601, 12.7390, 11.8799



12.3277, 12.7390, 10.2399



10.9368, 12.7390, 16.0721



11.8910, 12.7390, 18.2717

Sweetspot

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



13.3604, 12.7396, 11.8802



28.2707, 29.0075, 30.4225



14.2054, 12.6532, 17.6382



6.4661, 6.6212, 6.9229



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.



13.3604, 12.7396, 11.8802



22.6080, 20.9257, 18.5353



14.5693, 15.1573, 12.2831



3.7161, 3.7653, 3.8732



8.2494, 4.5000, 0.4338



39.8530, 21.2346, 1.9982

Inverse Universe

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



13.6417, 15.5940, 19.1207



23.2131, 27.0751, 34.1395



12.3352, 12.9809, 18.6852



3.7476, 4.0839, 4.6810



8.8688, 12.0773, 20.4063



42.8041, 58.0248, 99.3042

Previews

White Background



This preview shows how the XYZ color 13.3601, 12.7390, 11.8799 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 13.3601, 12.7390, 11.8799 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 13.3601, 12.7390, 11.8799

Background



This preview shows how black text looks on a background with the XYZ color 13.3601, 12.7390, 11.8799.



This preview shows how white text looks on a background with the XYZ color 13.3601, 12.7390,

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

13.3601, 12.7390, 11.8799

Protanopia

12.2162, 12.8241, 12.6579

Deuteranopia

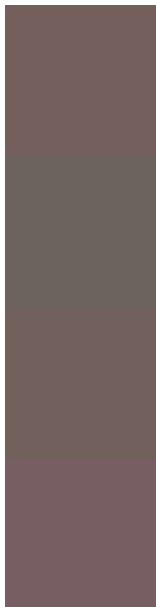
13.0165, 12.8328, 11.9161



Tritanopia

13.8229, 12.7965, 14.0534

Trichromacy



Original Color

13.3601, 12.7390, 11.8799

Protanomaly

12.5724, 12.7317, 12.3845

Deuteranomaly

13.0541, 12.7159, 11.8916

Tritanomaly

13.6785, 12.7388, 13.2932

Monochromacy



Original Color

13.3601, 12.7390, 11.8799

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

12.7298, 12.9313, 13.3803

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.3601, 12.7390, 11.8799 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(117, 95, 92)` looks like.

```
.text, #text, p{  
    color:rgb(117, 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(117, 95, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 95, 92) }
```

Border

The CSS property to change the border of an element to XYZ 13.3601, 12.7390, 11.8799 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(117, 95, 92) }
```


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

```
.border{ border-color:rgb(117, 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(117, 95, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 95, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 95, 92);  
box-shadow:4px 4px 4px 4px rgb(117, 95,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 13.3601, 12.7390, 11.8799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 95, 92) }
```

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

```
.background{ background-color: rgb(117, 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](#).

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