

Converting Colors

XYZ(13.3176, 12.5617, 11.4873)

Have a look what the booklet for
XYZ(13.3176, 12.5617, 11.4873)
contains.

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Color

**XYZ(13.3194, 12.5951,
11.4020)**

Conversions

Conversions Part 1

Format	Color
Hex	765E5A
RGB	118, 94, 90
RGB Percent	46%, 37%, 35%
CMY	0.5373, 0.6314, 0.6471
CMYK	0.00, 0.20, 0.24, 0.54
HSL	9°, 13%, 41%
HSV	9°, 24%, 46%
XYZ	13.3194, 12.5951, 11.4020
YIQ	100.7200, 15.5880, 3.8440

Conversions

Conversions Part 2

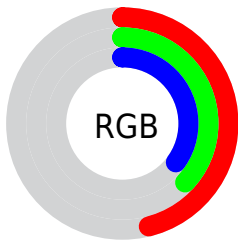
Format	Color
R_{YB}	118, 95, 90
Decimal	7757402
CIE _{Lab}	42.15, 9.08, 5.98
CIE _{LCh}	42, 10.871, 33.397
Yxy	12.5951, 0.3569, 0.3375
Android (android.graphics.Color)	4285947482 (0xFF765E5A)
YUV	100.7200, -5.2850, 15.1546
Hunter-Lab	35.4896, 4.8851, 5.7942

Details

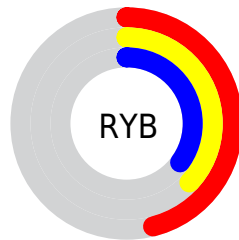
The XYZ color **13.3194, 12.5951, 11.4020** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.5038, 15.5161, 19.4229**, and the grayscale version is **12.3081, 12.9491, 14.1015**.

A 20% lighter version of the original color is **31.5015, 30.4979, 29.0373**, and **3.9658, 3.5610, 2.8612** is the 20% darker color. If you saturate the color by 10%, you get **12.0154, 10.7280, 8.6830**, and if you desaturate by 10%, it is **14.8217, 14.7310, 14.5809**.

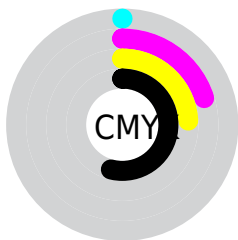
Distribution



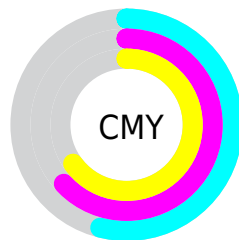
- Red (46%)
- Green (37%)
- Blue (35%)



- Red (46%)
- Yellow (37%)
- Blue (35%)



- Cyan (0%)
- Magenta (20%)
- Yellow (24%)
- Black (54%)



- Cyan (54%)
- Magenta (63%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.3194, 12.5951, 11.4020 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 13.3194, 12.5951, 11.4020 by changing the saturation by 10% instead.

■ 13.3194, 12.5951,
11.4020

■ 13.3194, 12.5951,
11.4020

206.5511,
208.3062, 211.2406

■ 7.7274, 7.1503,
6.2203

■ 31.4729, 30.5744,
29.0491

■ 3.9713, 3.5563,
2.9086

■ 44.7650, 43.8778,
42.3516

■ 1.6859, 1.4286,
1.0481

■ 61.3546, 60.5694,
59.1982

■ 0.4474, 0.2377,
0.0000

■ 81.6069, 81.0338,
80.0074

■ 0.0000, 0.0000,
0.0000

105.8874,
105.6552, 105.1976

134.5614,

134.8182, 135.1876

167.9941,
168.9070, 170.3957

■ 13.3194, 12.5951,
11.4020

■ 13.3194, 12.5951,
11.4020

■ 12.0154, 10.7280,
8.6830

■ 14.8217, 14.7310,
14.5809

■ 10.9003, 9.1173,
6.4017

■ 16.5292, 17.1440,
18.2387

■ 9.9657, 7.7524,
4.5356

■ 18.4494, 19.8441,
22.3946

■ 9.2019, 6.6210,
3.0594

■ 20.5895, 22.8403,
27.0661

■ 8.5984, 5.7101,
1.9453

■ 22.9561, 26.1414,
32.2702

■ 8.1434, 5.0049,
1.1620

■ 25.5557, 29.7555,
38.0229

■ 7.8224, 4.4889,
0.6667

■ 28.3943, 33.6907,
44.3397

■ 7.6697, 4.2483,
0.4158

■ 31.4779, 37.9547,
51.2353

■ 34.8123, 42.5547,
58.7240

Harmonies

Analogous

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



13.5945, 12.5951, 13.4513



13.3194, 12.5951, 11.4020



12.6824, 12.5951, 10.0993

Triad

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



13.3194, 12.5951, 11.4020



10.6318, 12.5951, 11.8117



12.0638, 12.5951, 18.6666

Complementary

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



13.3194, 12.5951, 11.4020



13.5038, 15.5161, 19.4229

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.



11.2872, 12.5951, 18.1020



13.3194, 12.5951, 11.4020



10.4827, 12.5951, 13.9800

Square

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



13.3194, 12.5951, 11.4020



11.1342, 12.5951, 10.3165



10.7173, 12.5951, 16.3190



12.8493, 12.5951, 17.7857

Rectangle

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



13.3194, 12.5951, 11.4020



12.1513, 12.5951, 9.7426



10.7173, 12.5951, 16.3190



11.7930, 12.5951, 18.6399

Sweetspot

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



13.3197, 12.5957, 11.4023



27.9873, 28.6263, 29.7558



14.1800, 12.3851, 17.6427



6.4074, 6.5430, 6.7827



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.



13.3197, 12.5957, 11.4023



22.2381, 20.4576, 17.5742



14.6514, 15.2589, 11.8461



3.7223, 3.7776, 3.8753



8.2910, 4.5832, 0.4477



40.0108, 21.5501, 2.0508

Inverse Universe

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



13.5038, 15.5161, 19.4229



22.6148, 26.4545, 34.0513



12.0695, 12.6475, 18.9448



3.7409, 4.0704, 4.6787



8.5798, 11.4992, 20.3099



41.3329, 55.0824, 98.8138

Previews

White Background



This preview shows how the XYZ color 13.3194, 12.5951, 11.4020 looks on a white background.

Color Contrast Check

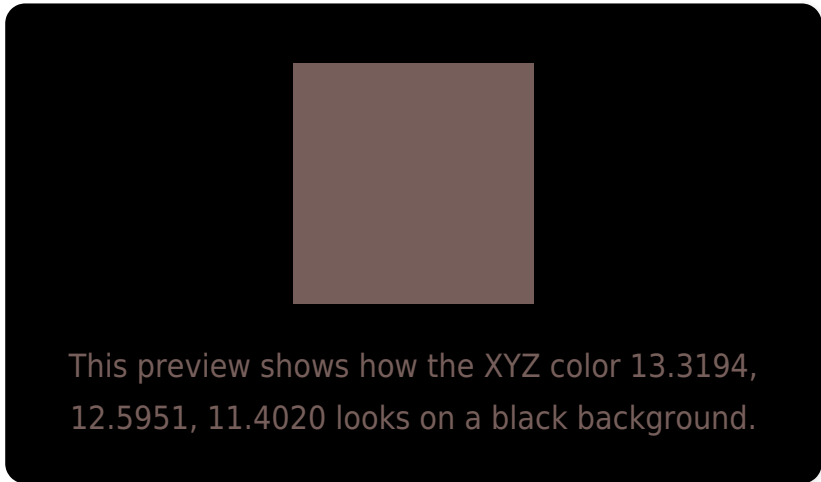
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.3194, 12.5951, 11.4020

Background



This preview shows how black text looks on a background with the XYZ color 13.3194, 12.5951, 11.4020.



This preview shows how white text looks on a background with the XYZ color 13.3194, 12.5951,

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

13.3194, 12.5951, 11.4020

Protanopia

12.0311, 12.5976, 12.1534

Deuteranopia

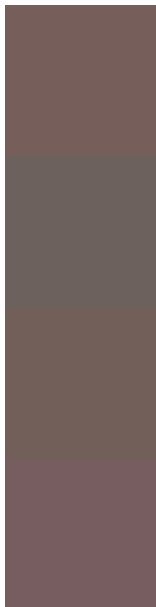
12.8384, 12.6146, 11.4311



Tritanopia

13.8223, 12.6707, 13.7738

Trichromacy



Original Color

13.3194, 12.5951, 11.4020

Protanomaly

12.3908, 12.5102, 11.8869

Deuteranomaly

13.0079, 12.5674, 11.4130

Tritanomaly

13.6334, 12.5952, 12.7789

Monochromacy



Original Color

13.3194, 12.5951, 11.4020

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

12.5888, 12.7242, 13.1018

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.3194, 12.5951, 11.4020 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(118, 94, 90)` looks like.

```
.text, #text, p{  
    color:rgb(118, 94, 90)  
}
```

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(118, 94, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 94, 90) }
```

Border

The CSS property to change the border of an element to XYZ 13.3194, 12.5951, 11.4020 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(118, 94, 90) }
```


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

```
.border{ border-color:rgb(118, 94, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 94, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 94, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 94, 90);  
box-shadow:4px 4px 4px 4px rgb(118, 94,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 13.3194, 12.5951, 11.4020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 94, 90) }
```

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

```
.background{ background-color: rgb(118, 94,  
90) }
```

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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