

Converting Colors

XYZ(16.0944, 16.6274, 10.4130)

Have a look what the booklet for
XYZ(16.0944, 16.6274, 10.4130)
contains.

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Color

**XYZ(15.9598, 16.4901,
10.3244)**

Conversions

Conversions Part 1

Format	Color
Hex	7F6F52
RGB	127, 111, 82
RGB Percent	50%, 44%, 32%
CMY	0.5020, 0.5647, 0.6784
CMYK	0.00, 0.13, 0.35, 0.50
HSL	39°, 22%, 41%
HSV	39°, 35%, 50%
XYZ	15.9598, 16.4901, 10.3244
YIQ	112.4780, 18.8450, -5.6270

Conversions

Conversions Part 2

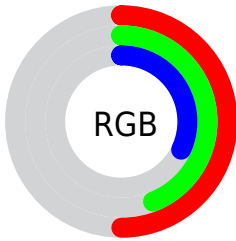
Format	Color
R_{YB}	107, 127, 82
Decimal	8351570
CIE Lab	47.61, 1.66, 18.47
CIE LCh	48, 18.548, 84.864
Yxy	16.4901, 0.3731, 0.3855
Android (android.graphics.Color)	4286541650 (0xFF7F6F52)
YUV	112.4780, -15.0257, 12.7358
Hunter-Lab	40.6080, -0.9098, 13.3514

Details

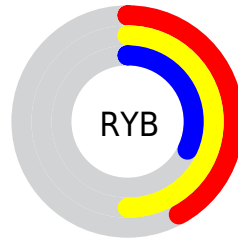
The XYZ color **15.9598, 16.4901, 10.3244** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **11.6780, 12.0611, 21.7911**, and the grayscale version is **15.5810, 16.3925, 17.8514**.

A 20% lighter version of the original color is **36.0844, 37.5636, 27.1784**, and **5.1720, 5.2664, 2.4942** is the 20% darker color. If you saturate the color by 10%, you get **15.0405, 15.3545, 7.8504**, and if you desaturate by 10%, it is **16.9943, 17.7128, 13.2786**.

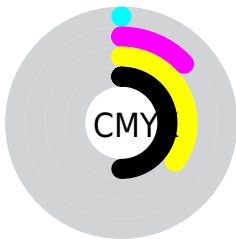
Distribution



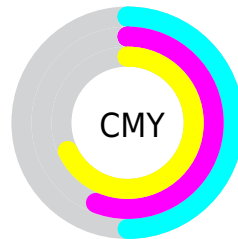
- Red (50%)
- Green (44%)
- Blue (32%)



- Red (42%)
- Yellow (50%)
- Blue (32%)



- Cyan (0%)
- Magenta (13%)
- Yellow (35%)
- Black (50%)



- Cyan (50%)
- Magenta (56%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.9598, 16.4901, 10.3244 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 15.9598, 16.4901, 10.3244 by changing the saturation by 10% instead.

■ 15.9598, 16.4901,
10.3244

■ 15.9598, 16.4901,
10.3244

222.3794,
232.2166, 203.5402

■ 9.5864, 9.8716,
5.5062

■ 36.0864, 37.4470,
27.0212

■ 5.1857, 5.3139,
2.4833

■ 50.5703, 52.5542,
39.7368

■ 2.3925, 2.4326,
0.8313

■ 68.4884, 71.2597,
55.9220

■ 0.8414, 0.8426,
0.0000

■ 90.2061, 93.9480,
75.9953

■ 0.0000, 0.0000,
0.0000

■ 116.0887,
121.0034, 100.3752

146.5015,

152.8104, 129.4803

181.8100,
189.7533, 163.7291

■ 15.9598, 16.4901,
10.3244

■ 15.9598, 16.4901,
10.3244

■ 15.0405, 15.3545,
7.8504

■ 16.9943, 17.7128,
13.2786

■ 14.2298, 14.3011,
5.8293

■ 18.1478, 19.0228,
16.7361

■ 13.5224, 13.3277,
4.2329

■ 19.4251, 20.4234,
20.7198

■ 12.9119, 12.4310,
3.0292

■ 20.8307, 21.9168,
25.2508

■ 12.3908, 11.6076,
2.1814

■ 22.3686, 23.5053,
30.3491

■ 11.9479, 10.8523,
1.6316

■ 24.0428, 25.1908,
36.0337

■ 11.7586, 10.5245,
1.4117

■ 25.8570, 26.9753,
42.3226

■ 27.8148, 28.8610,
49.2332

■ 29.9196, 30.8495,
56.7820

Harmonies

Analogous

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



17.5761, 16.4901, 11.4880



15.9598, 16.4901, 10.3244



14.3736, 16.4901, 10.8931

Triad

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



15.9598, 16.4901, 10.3244



12.9609, 16.4901, 22.0640



18.4211, 16.4901, 23.7244

Complementary

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



15.9598, 16.4901, 10.3244



11.6780, 12.0611, 21.7911

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.



17.0492, 16.4901, 27.5531



15.9598, 16.4901, 10.3244



13.9131, 16.4901, 26.4824

Square

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



15.9598, 16.4901, 10.3244



12.7140, 16.4901, 17.1518



15.3903, 16.4901, 28.6419



19.0596, 16.4901, 18.7828

Rectangle

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



15.9598, 16.4901, 10.3244



13.5349, 16.4901, 12.2413



15.3903, 16.4901, 28.6419



18.0259, 16.4901, 25.2164

Sweetspot

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



15.9602, 16.4909, 10.3247



33.4251, 35.0916, 32.8288



13.9981, 11.4381, 13.1496



7.7670, 8.1512, 7.5040



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.9602, 16.4909, 10.3247



27.1541, 27.7741, 14.6321



16.9975, 19.8529, 10.9190



4.5407, 4.7702, 4.6015



11.8576, 10.6116, 1.4233



0.0000, 0.0000, 0.0000

Inverse Universe

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



11.6780, 12.0611, 21.7911



18.2193, 18.5372, 38.5740



10.8727, 9.6418, 21.3666



4.2242, 4.4425, 5.4481



4.8143, 3.4470, 20.6615



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.9598, 16.4901, 10.3244 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 15.9598, 16.4901, 10.3244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

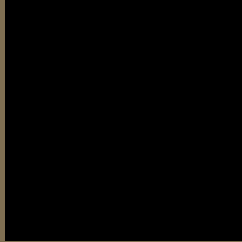
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.9598, 16.4901, 10.3244

Background



This preview shows how black text looks on a background with the XYZ color 15.9598, 16.4901, 10.3244.



This preview shows how white text looks on a background with the XYZ color 15.9598, 16.4901,

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

15.9598, 16.4901, 10.3244

Protanopia

15.3516, 16.4997, 10.5593

Deuteranopia

16.7554, 16.4180, 10.4695



Tritanopia

17.7123, 16.5785, 18.4861

Trichromacy



Original Color

15.9598, 16.4901, 10.3244

Protanomaly

15.5239, 16.4238, 10.5355

Deuteranomaly

16.3900, 16.3871, 10.4828

Tritanomaly

17.0167, 16.4502, 15.1103

Monochromacy



Original Color

15.9598, 16.4901, 10.3244

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.4793, 16.3098, 14.6442

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9598, 16.4901, 10.3244 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(127, 111, 82)` looks like.

```
.text, #text, p{  
    color:rgb(127, 111, 82)  
}
```

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(127, 111, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 111, 82) }
```

Border

The CSS property to change the border of an element to XYZ 15.9598, 16.4901, 10.3244 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(127, 111, 82) }
```


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

```
.border{ border-color:rgb(127, 111, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 111, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 111, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 111, 82);  
box-shadow:4px 4px 4px 4px rgb(127, 111,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9598, 16.4901, 10.3244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 111, 82) }
```

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

```
.background{ background-color: rgb(127,  
111, 82) }
```

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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