

Converting Colors

XYZ(15.6076, 15.2256, 12.9923)

Have a look what the booklet for
XYZ(15.6076, 15.2256, 12.9923)
contains.

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Color

**XYZ(15.6201, 15.1625,
12.9299)**

Conversions

Conversions Part 1

Format	Color
Hex	7E685F
RGB	126, 104, 95
RGB Percent	49%, 41%, 37%
CMY	0.5059, 0.5921, 0.6274
CMYK	0.00, 0.17, 0.25, 0.51
HSL	17°, 14%, 43%
HSV	17°, 25%, 49%
XYZ	15.6201, 15.1625, 12.9299
YIQ	109.5520, 16.0010, 1.8650

Conversions

Conversions Part 2

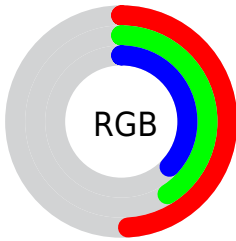
Format	Color
R_{YB}	126, 108, 95
Decimal	8284255
CIE Lab	45.86, 7.25, 8.34
CIE LCh	46, 11.056, 48.995
Yxy	15.1625, 0.3573, 0.3469
Android (android.graphics.Color)	4286474335 (0xFF7E685F)
YUV	109.5520, -7.1741, 14.4249
Hunter-Lab	38.9391, 3.4605, 7.5698

Details

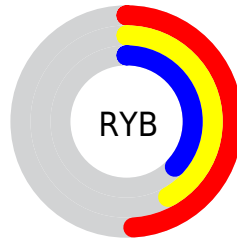
The XYZ color **15.6201, 15.1625, 12.9299** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.8464, 16.6615, 22.1723**, and the grayscale version is **14.7098, 15.4759, 16.8532**.

A 20% lighter version of the original color is **35.4226, 35.0707, 31.6904**, and **4.9980, 4.6845, 3.5465** is the 20% darker color. If you saturate the color by 10%, you get **14.2404, 13.2466, 9.8692**, and if you desaturate by 10%, it is **17.1888, 17.3077, 16.5111**.

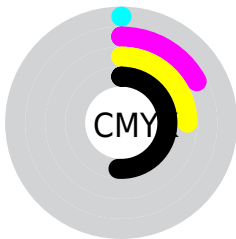
Distribution



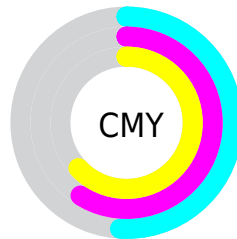
- Red (49%)
- Green (41%)
- Blue (37%)



- Red (49%)
- Yellow (42%)
- Blue (37%)



- Cyan (0%)
- Magenta (17%)
- Yellow (25%)
- Black (51%)



- Cyan (51%)
- Magenta (59%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.6201, 15.1625, 12.9299 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 15.6201, 15.1625, 12.9299 by changing the saturation by 10% instead.

■ 15.6201, 15.1625,
12.9299

■ 15.6201, 15.1625,
12.9299

220.4042,
224.3477, 221.6599

■ 9.3449, 8.9335,
7.2501

■ 35.5002, 35.1380,
31.8671

■ 5.0257, 4.6978,
3.5382

■ 49.8358, 49.6533,
45.9617

■ 2.2973, 2.0711,
1.3756

■ 67.5889, 67.6995,
63.6982

■ 0.7933, 0.6483,
0.1226

■ 89.1248, 89.6610,
85.4953

■ 0.0000, 0.0000,
0.0000

114.8090,
115.9221, 111.7715

145.0067,

146.8674, 142.9453

180.0833,
182.8811, 179.4353

■ 15.6201, 15.1625,
12.9299

■ 15.6201, 15.1625,
12.9299

■ 14.2404, 13.2466,
9.8692

■ 17.1888, 17.3077,
16.5111

■ 13.0410, 11.5503,
7.3036

■ 18.9521, 19.6875,
20.6345

■ 12.0143, 10.0661,
5.2070

■ 20.9171, 22.3096,
25.3221

■ 11.1519, 8.7853,
3.5505

■ 23.0902, 25.1806,
30.5939

■ 10.4443, 7.6986,
2.3021

■ 25.4772, 28.3070,
36.4693

■ 9.8812, 6.7959,
1.4251

■ 28.0841, 31.6949,
42.9667

■ 9.4489, 6.0654,
0.8680

■ 30.9162, 35.3504,
50.1036

■ 9.2532, 5.7335,
0.6190

■ 33.9790, 39.2792,
57.8969

■ 37.2776, 43.4869,
66.3629

Harmonies

Analogous

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



16.1740, 15.1625, 14.8940



15.6201, 15.1625, 12.9299



14.7565, 15.1625, 11.9648

Triad

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



15.6201, 15.1625, 12.9299



12.7223, 15.1625, 15.5485



15.0029, 15.1625, 21.8557

Complementary

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



15.6201, 15.1625, 12.9299



14.8464, 16.6615, 22.1723

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.



14.0720, 15.1625, 22.0797



15.6201, 15.1625, 12.9299



12.7819, 15.1625, 18.2376

Square

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



15.6201, 15.1625, 12.9299



13.1005, 15.1625, 13.3645



13.2669, 15.1625, 20.6951



15.8072, 15.1625, 20.1126

Rectangle

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



15.6201, 15.1625, 12.9299



14.1330, 15.1625, 11.9396



13.2669, 15.1625, 20.6951



14.6936, 15.1625, 22.1177

Sweetspot

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



15.6205, 15.1632, 12.9302



32.5313, 33.5412, 34.3692



15.9202, 13.9097, 18.7424



7.3691, 7.5882, 7.7458



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



15.6205, 15.1632, 12.9302



25.9752, 24.5862, 19.3679



17.3005, 18.5232, 13.4902



4.4217, 4.5320, 4.5618



9.4894, 5.8753, 0.6339



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.8464, 16.6615, 22.1723



24.3441, 27.7342, 38.8145



13.2090, 13.3866, 21.6265



4.3442, 4.6825, 5.4881



7.5597, 8.9379, 21.5767



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.6201, 15.1625, 12.9299 looks on a white background.

Color Contrast Check

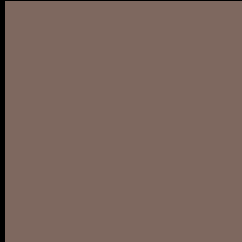
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.6201, 15.1625, 12.9299 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 15.6201, 15.1625, 12.9299

Background



This preview shows how black text looks on a background with the XYZ color 15.6201, 15.1625, 12.9299.



This preview shows how white text looks on a background with the XYZ color 15.6201, 15.1625,

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

15.6201, 15.1625, 12.9299

Protanopia

14.3303, 15.0989, 13.4684

Deuteranopia

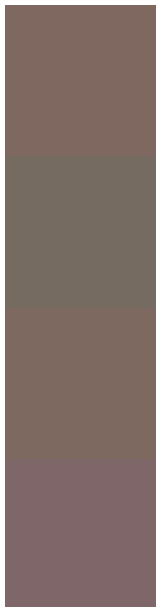
15.4293, 15.2145, 12.9499



Tritanopia

16.4679, 15.2177, 16.8212

Trichromacy



Original Color

15.6201, 15.1625, 12.9299

Protanomaly

14.8402, 15.2115, 13.2203

Deuteranomaly

15.5746, 15.2893, 12.9567

Tritanomaly

16.1524, 15.2324, 15.4534

Monochromacy



Original Color

15.6201, 15.1625, 12.9299

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.1148, 15.4580, 15.5517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.6201, 15.1625, 12.9299 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(126, 104, 95)` looks like.

```
.text, #text, p{  
    color:rgb(126, 104, 95)  
}
```

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(126, 104, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 104, 95) }
```

Border

The CSS property to change the border of an element to XYZ 15.6201, 15.1625, 12.9299 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(126, 104, 95) }
```


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

```
.border{ border-color:rgb(126, 104, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 104, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 104, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 104, 95);  
box-shadow:4px 4px 4px 4px rgb(126, 104,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 15.6201, 15.1625, 12.9299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 104, 95) }
```

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

```
.background{ background-color: rgb(126,  
104, 95) }
```

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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