

Converting Colors

XYZ(15.1831, 15.1813, 13.9346)

Have a look what the booklet for
XYZ(15.1831, 15.1813, 13.9346)
contains.

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Color

**XYZ(15.1519, 15.2020,
13.9401)**

Conversions

Conversions Part 1

Format	Color
Hex	786A63
RGB	120, 106, 99
RGB Percent	47%, 42%, 39%
CMY	0.5294, 0.5843, 0.6118
CMYK	0.00, 0.12, 0.17, 0.53
HSL	20°, 10%, 43%
HSV	20°, 17%, 47%
XYZ	15.1519, 15.2020, 13.9401
YIQ	109.3880, 10.5910, 0.7910

Conversions

Conversions Part 2

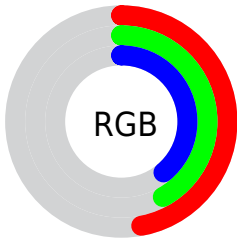
Format	Color
R_{YB}	120, 110, 99
Decimal	7891555
CIE _{Lab}	45.91, 4.26, 5.94
CIE _{LCh}	46, 7.309, 54.361
Yxy	15.2020, 0.3421, 0.3432
Android (android.graphics.Color)	4286081635 (0xFF786A63)
YUV	109.3880, -5.1213, 9.3067
Hunter-Lab	38.9897, 1.1353, 6.0947

Details

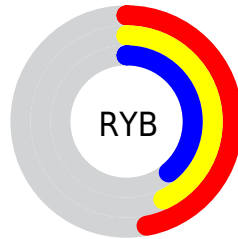
The XYZ color **15.1519, 15.2020, 13.9401** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.4408, 15.8186, 20.0616**, and the grayscale version is **14.6584, 15.4218, 16.7944**.

A 20% lighter version of the original color is **34.5752, 35.0866, 33.8042**, and **4.8051, 4.7246, 4.0268** is the 20% darker color. If you saturate the color by 10%, you get **13.8342, 13.4174, 10.8777**, and if you desaturate by 10%, it is **16.6326, 17.1758, 17.4779**.

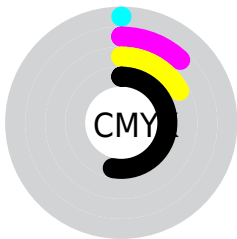
Distribution



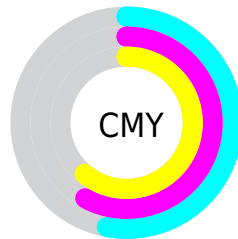
- Red (47%)
- Green (42%)
- Blue (39%)



- Red (47%)
- Yellow (43%)
- Blue (39%)



- Cyan (0%)
- Magenta (12%)
- Yellow (17%)
- Black (53%)



- Cyan (53%)
- Magenta (58%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1519, 15.2020, 13.9401 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 15.1519, 15.2020, 13.9401 by changing the saturation by 10% instead.

■ 15.1519, 15.2020,
13.9401

■ 15.1519, 15.2020,
13.9401

217.6540,
224.5856, 228.2733

■ 9.0131, 8.9613,
7.9407

■ 34.6889, 35.2072,
33.6983

■ 4.8069, 4.7159,
3.9698

■ 48.8178, 49.7404,
48.2942

■ 2.1680, 2.0816,
1.6088

■ 66.3408, 67.8066,
66.5928

■ 0.7258, 0.6542,
0.2971

■ 87.6231, 89.7901,
89.0124

■ 0.0000, 0.0000,
0.0000

113.0303,
116.0754, 115.9718

142.9276,

147.0468, 147.8893

177.6804,
183.0888, 185.1837

■ 15.1519, 15.2020,
13.9401

■ 15.1519, 15.2020,
13.9401

■ 13.8342, 13.4174,
10.8777

■ 16.6326, 17.1758,
17.4779

■ 12.6725, 11.8144,
8.2693

■ 18.2806, 19.3424,
21.5092

■ 11.6608, 10.3876,
6.0932

■ 20.1015, 21.7074,
26.0526

■ 10.7927, 9.1308,
4.3256

■ 22.1005, 24.2760,
31.1251

■ 10.0608, 8.0372,
2.9406

■ 24.2822, 27.0530,
36.7434

■ 9.4572, 7.0995,
1.9088

■ 26.6514, 30.0430,
42.9229

■ 8.9731, 6.3099,
1.1970

■ 29.2124, 33.2505,
49.6788

■ 8.5907, 5.6566,
0.7252

■ 31.9696, 36.6799,
57.0255

■ 8.5050, 5.5116,
0.6156

■ 34.9271, 40.3354,
64.9770

Harmonies

Analogous

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



15.5577, 15.2020, 15.1892



15.1519, 15.2020, 13.9401



14.5660, 15.2020, 13.3941

Triad

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



15.1519, 15.2020, 13.9401



13.2995, 15.2020, 16.2205



14.9443, 15.2020, 19.8469

Complementary

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



15.1519, 15.2020, 13.9401



14.4408, 15.8186, 20.0616

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.



14.3327, 15.2020, 20.1718



15.1519, 15.2020, 13.9401



13.3943, 15.2020, 17.9948

Square

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



15.1519, 15.2020, 13.9401



13.5055, 15.2020, 14.6492



13.7683, 15.2020, 19.4722



15.4355, 15.2020, 18.6136

Rectangle

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



15.1519, 15.2020, 13.9401



14.1566, 15.2020, 13.4722



13.7683, 15.2020, 19.4722



14.7455, 15.2020, 20.0695

Sweetspot

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



15.1523, 15.2027, 13.9404



29.9155, 31.0837, 32.3457



15.1884, 14.1092, 17.5458



7.0518, 7.3165, 7.5735



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

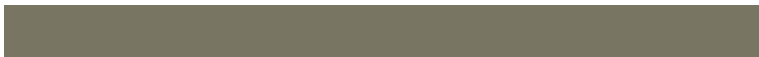
The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.1523, 15.2027, 13.9404



25.6856, 25.4388, 22.2574



16.3012, 17.5004, 14.3234



4.0974, 4.2133, 4.2218



9.2662, 5.9884, 0.6675



43.4922, 27.1479, 2.9478

Inverse Universe

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



14.4408, 15.8186, 20.0616



24.1878, 26.7339, 35.1384



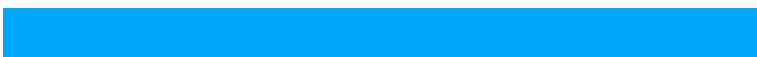
13.3366, 13.6103, 19.6935



3.9998, 4.2979, 5.0619



6.8137, 7.7097, 20.5143



31.6949, 35.1625, 97.5863

Previews

White Background



This preview shows how the XYZ color 15.1519, 15.2020, 13.9401 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 15.1519, 15.2020, 13.9401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

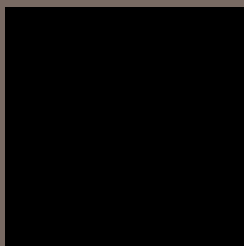
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.1519, 15.2020, 13.9401

Background



This preview shows how black text looks on a background with the XYZ color 15.1519, 15.2020, 13.9401.

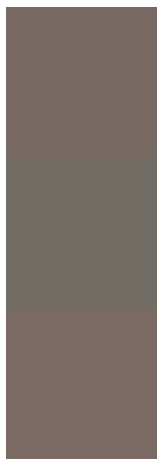


This preview shows how white text looks on a background with the XYZ color 15.1519, 15.2020,

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

15.1519, 15.2020, 13.9401

Protanopia

14.4729, 15.1559, 14.2192

Deuteranopia

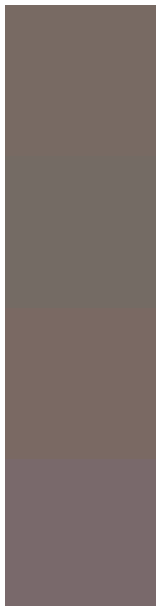
15.4721, 15.2150, 13.9257



Tritanopia

15.9010, 15.2081, 17.4266

Trichromacy



Original Color

15.1519, 15.2020, 13.9401

Protanomaly

14.7604, 15.1485, 14.2026

Deuteranomaly

15.3297, 15.1416, 13.9190

Tritanomaly

15.5906, 15.2296, 16.0278

Monochromacy



Original Color

15.1519, 15.2020, 13.9401

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.7224, 15.2558, 15.5333

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1519, 15.2020, 13.9401 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(120, 106, 99)` looks like.

```
.text, #text, p{  
    color:rgb(120, 106, 99)  
}
```

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(120, 106, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 106, 99) }
```

Border

The CSS property to change the border of an element to XYZ 15.1519, 15.2020, 13.9401 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(120, 106, 99) }
```


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

```
.border{ border-color:rgb(120, 106, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 106, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 106, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 106, 99);  
box-shadow:4px 4px 4px 4px rgb(120, 106,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1519, 15.2020, 13.9401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 106, 99) }
```

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

```
.background{ background-color: rgb(120,  
106, 99) }
```

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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