

Converting Colors

XYZ(17.3770, 20.1395, 15.6489)

Have a look what the booklet for
XYZ(17.3770, 20.1395, 15.6489)
contains.

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Color

**XYZ(17.3199, 20.1107,
15.5393)**

Conversions

Conversions Part 1

Format	Color
Hex	748066
RGB	116, 128, 102
RGB Percent	45%, 50%, 40%
CMY	0.5451, 0.4980, 0.6000
CMYK	0.09, 0.00, 0.20, 0.50
HSL	88°, 11%, 45%
HSV	88°, 20%, 50%
XYZ	17.3199, 20.1107, 15.5393
YIQ	121.4480, 1.1940, -10.6300

Conversions

Conversions Part 2

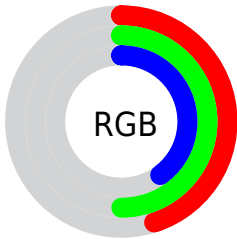
Format	Color
RYB	102, 128, 114
Decimal	7635046
CIELab	51.96, -9.47, 12.66
CIELCh	52, 15.810, 126.803
Yxy	20.1107, 0.3270, 0.3797
Android (android.graphics.Color)	4285825126 (0xFF748066)
YUV	121.4480, -9.5879, -4.7779
Hunter-Lab	44.8450, -9.5389, 10.8468

Details

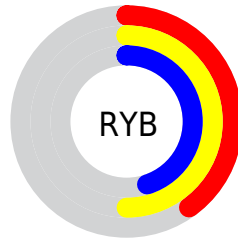
The XYZ color **17.3199, 20.1107, 15.5393** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.5880, 14.6393, 22.4273**, and the grayscale version is **18.3494, 19.3049, 21.0231**.

A 20% lighter version of the original color is **38.4221, 43.6725, 36.5416**, and **5.8695, 7.0967, 4.6749** is the 20% darker color. If you saturate the color by 10%, you get **15.9730, 19.4847, 12.4145**, and if you desaturate by 10%, it is **18.8159, 20.8034, 19.1836**.

Distribution



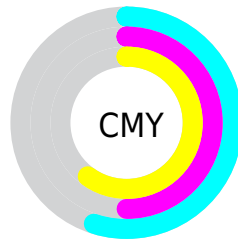
- Red (45%)
- Green (50%)
- Blue (40%)



- Red (40%)
- Yellow (50%)
- Blue (45%)



- Cyan (9%)
- Magenta (0%)
- Yellow (20%)
- Black (50%)



- Cyan (55%)
- Magenta (50%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3199, 20.1107, 15.5393 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 17.3199, 20.1107, 15.5393 by changing the saturation by 10% instead.

■ 17.3199, 20.1107,
15.5393

■ 17.3199, 20.1107,
15.5393

230.1297,
252.5138, 238.3598

■ 10.5595, 12.4755,
9.0479

■ 38.4142, 43.6027,
36.5521

■ 5.8366, 7.0684,
4.6752

■ 53.4789, 60.2283,
51.9107

■ 2.7857, 3.5049,
2.0026

■ 72.0424, 80.6196,
71.0620

■ 1.0415, 1.4007,
0.5569

■ 94.4701, 105.1608,
94.4247

■ 0.0000, 0.2172,
0.0000

121.1273,
134.2365, 122.4173

■ 0.0000, 0.0000,
0.0000

152.3794,

168.2309, 155.4583

188.5917,
207.5286, 193.9663

■ 17.3199, 20.1107,
15.5393

■ 17.3199, 20.1107,
15.5393

■ 15.9730, 19.4847,
12.4145

■ 18.8159, 20.8034,
19.1836

■ 14.7682, 18.9206,
9.7844

■ 20.4645, 21.5624,
23.3683

■ 13.7002, 18.4168,
7.6238

■ 22.2710, 22.3905,
28.1147

■ 12.7629, 17.9706,
5.9049

■ 24.2401, 23.2897,
33.4426

■ 11.9493, 17.5793,
4.5970

■ 26.3761, 24.2619,
39.3706

■ 11.2519, 17.2396,
3.6656

■ 28.6833, 25.3088,
45.9169

■ 10.6618, 16.9480,
3.0701

■ 31.1657, 26.4321,
53.0985

■ 10.1678, 16.7013,
2.6878

■ 33.8272, 27.6335,
60.9320

■ 36.6715, 28.9146,
69.4333

Harmonies

Analogous

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



18.7504, 20.1107, 14.2226



17.3199, 20.1107, 15.5393



16.4088, 20.1107, 18.5881

Triad

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



17.3199, 20.1107, 15.5393



17.9213, 20.1107, 31.0961



22.3553, 20.1107, 20.8639

Complementary

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



17.3199, 20.1107, 15.5393



15.5880, 14.6393, 22.4273

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.



22.1027, 20.1107, 25.5772



17.3199, 20.1107, 15.5393



19.4836, 20.1107, 31.9299

Square

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



17.3199, 20.1107, 15.5393



16.7421, 20.1107, 27.6476



21.0292, 20.1107, 29.7884



21.7013, 20.1107, 17.0050

Rectangle

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



17.3199, 20.1107, 15.5393



16.1881, 20.1107, 21.4065



21.0292, 20.1107, 29.7884



22.3741, 20.1107, 22.3952

Sweetspot

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



17.3204, 20.1116, 15.5397



34.3051, 37.1689, 36.7322



17.2847, 17.5163, 15.0407



7.9968, 8.6862, 8.5117



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.



17.3204, 20.1116, 15.5397



29.4569, 34.9261, 24.9174



15.7461, 19.3000, 15.4661



4.4799, 4.9238, 4.6344



10.0831, 16.5604, 2.6650



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.5880, 14.6393, 22.4273



25.8770, 23.6174, 39.1510



17.3563, 15.5509, 22.5101



4.2828, 4.3014, 5.4178



5.6586, 2.4708, 20.4286



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.3199, 20.1107, 15.5393 looks on a white 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

Black Background



This preview shows how the XYZ color 17.3199, 20.1107, 15.5393 looks on a black 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

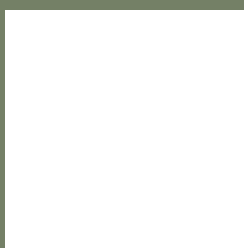
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.3199, 20.1107, 15.5393

Background



This preview shows how black text looks on a background with the XYZ color 17.3199, 20.1107, 15.5393.



This preview shows how white text looks on a background with the XYZ color 17.3199, 20.1107,

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

17.3199, 20.1107, 15.5393

Protanopia

18.7433, 19.9113, 14.9120

Deuteranopia

20.4232, 20.0328, 15.8870



Tritanopia

19.3959, 20.2015, 25.4313

Trichromacy



Original Color

17.3199, 20.1107, 15.5393

Protanomaly

18.2868, 20.0424, 15.2167

Deuteranomaly

19.0806, 19.8849, 15.6645

Tritanomaly

18.4542, 19.9943, 21.2990

Monochromacy



Original Color

17.3199, 20.1107, 15.5393

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

17.8527, 19.5521, 18.7526

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3199, 20.1107, 15.5393 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(116, 128, 102)` looks like.

```
.text, #text, p{  
    color:rgb(116, 128, 102)  
}
```

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(116, 128, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 128, 102) }
```

Border

The CSS property to change the border of an element to XYZ 17.3199, 20.1107, 15.5393 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(116, 128, 102) }
```


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

```
.border{ border-color:rgb(116, 128, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 128, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 128, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 128, 102);  
box-shadow:4px 4px 4px 4px rgb(116, 128,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3199, 20.1107, 15.5393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 128, 102) }
```

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

```
.background{ background-color: rgb(116,  
128, 102) }
```

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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