

Converting Colors

XYZ(16.0793, 15.6743, 19.3259)

Have a look what the booklet for
XYZ(16.0793, 15.6743, 19.3259)
contains.

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Color

**XYZ(16.1355, 15.7453,
19.3283)**

Conversions

Conversions Part 1

Format	Color
Hex	776B76
RGB	119, 107, 118
RGB Percent	47%, 42%, 46%
CMY	0.5333, 0.5804, 0.5373
CMYK	0.00, 0.10, 0.01, 0.53
HSL	305°, 5%, 44%
HSV	305°, 10%, 47%
XYZ	16.1355, 15.7453, 19.3283
YIQ	111.8420, 3.6210, 5.9650

Conversions

Conversions Part 2

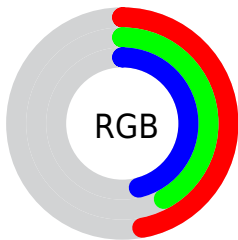
Format	Color
R_{YB}	119, 107, 118
Decimal	7826294
CIE _{Lab}	46.64, 6.86, -4.40
CIE _{LCh}	47, 8.153, 327.299
Yxy	15.7453, 0.3151, 0.3075
Android (android.graphics.Color)	4286016374 (0xFF776B76)
YUV	111.8420, 3.0359, 6.2776
Hunter-Lab	39.6803, 3.1441, -1.1039

Details

The XYZ color **16.1355, 15.7453, 19.3283** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.3676, 17.4027, 16.7373**, and the grayscale version is **15.3458, 16.1450, 17.5819**.

A 20% lighter version of the original color is **36.2771, 36.0139, 43.0696**, and **5.3199, 5.0135, 6.4817** is the 20% darker color. If you saturate the color by 10%, you get **14.9208, 13.4095, 18.6342**, and if you desaturate by 10%, it is **17.5225, 18.4243, 20.0833**.

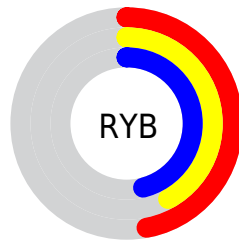
Distribution



Red (47%)

Green (42%)

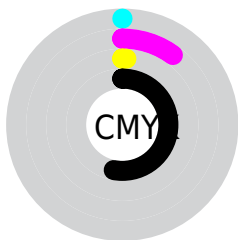
Blue (46%)



Red (47%)

Yellow (42%)

Blue (46%)

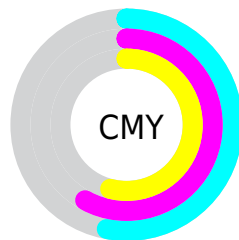


Cyan (0%)

Magenta (10%)

Yellow (1%)

Black (53%)



Cyan (53%)

Magenta (58%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.1355, 15.7453, 19.3283 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 16.1355, 15.7453, 19.3283 by changing the saturation by 10% instead.

■ 16.1355, 15.7453,
19.3283

■ 16.1355, 15.7453,
19.3283

223.3947,
227.8341, 260.7381

■ 9.7115, 9.3441,
11.7285

■ 36.3888, 36.1555,
43.1322

■ 5.2689, 4.9663,
6.4388

■ 50.9489, 50.9332,
60.1734

■ 2.4423, 2.2275,
3.0406

■ 68.9517, 69.2720,
81.1988

■ 0.8662, 0.7349,
1.1154

■ 90.7627, 91.5561,
106.6270

■ 0.0000, 0.0000,
0.0000

116.7471,
118.1699, 136.8764

147.2703,

149.4980, 172.3657

182.6977,
185.9245, 213.5134

■ 16.1355, 15.7453,
19.3283

■ 16.1355, 15.7453,
19.3283

■ 14.9208, 13.4095,
18.6342

■ 17.5225, 18.4243,
20.0833

■ 13.8700, 11.4009,
17.9976

■ 19.0870, 21.4574,
20.9003

■ 12.9763, 9.7054,
17.4164

■ 20.8357, 24.8578,
21.7818

■ 12.2317, 8.3071,
16.8879

■ 22.7743, 28.6372,
22.7297

■ 11.6275, 7.1886,
16.4093

■ 24.9086, 32.8069,
23.7459

■ 11.1541, 6.3307,
15.9772

■ 27.2439, 37.3776,
24.8323

■ 10.8007, 5.7120,
15.5882

■ 29.7854, 42.3598,
25.9904

■ 10.5549, 5.3074,
15.2381

■ 32.5382, 47.7635,
27.2222

■ 10.3725, 5.0279,
14.9142

■ 35.5070, 53.5982,
28.5290

Harmonies

Analogous

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



15.5959, 15.7453, 20.8308



16.1355, 15.7453, 19.3283



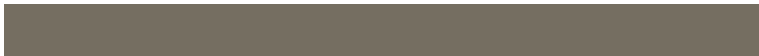
16.3609, 15.7453, 17.3276

Triad

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



16.1355, 15.7453, 19.3283



15.0294, 15.7453, 13.5507



13.7928, 15.7453, 18.9870

Complementary

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



16.1355, 15.7453, 19.3283



15.3676, 17.4027, 16.7373

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.



13.6517, 15.7453, 16.9616



16.1355, 15.7453, 19.3283



14.3522, 15.7453, 13.9200

Square

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



16.1355, 15.7453, 19.3283



15.7099, 15.7453, 14.0799



13.8533, 15.7453, 15.1307



14.2449, 15.7453, 20.6232

Rectangle

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



16.1355, 15.7453, 19.3283



16.2975, 15.7453, 16.0151



13.8533, 15.7453, 15.1307



13.7080, 15.7453, 18.3246

Sweetspot

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



16.1360, 15.7460, 19.3286



30.6012, 31.4908, 35.5467



14.7725, 15.0362, 19.5769



7.2089, 7.3793, 8.4008



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.



16.1360, 15.7460, 19.3286



28.3848, 27.2143, 34.3260



15.7906, 15.6079, 17.5102



3.8141, 3.7529, 4.5479



11.0183, 5.3410, 15.8363



53.5403, 25.9663, 76.3658

Inverse Universe

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



16.1360, 15.7460, 19.3286



28.3848, 27.2143, 34.3260



15.6981, 17.5349, 18.4773



3.8141, 3.7529, 4.5479



11.0183, 5.3410, 15.8363



53.5403, 25.9663, 76.3658

Previews

White Background



This preview shows how the XYZ color 16.1355, 15.7453, 19.3283 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 16.1355, 15.7453, 19.3283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

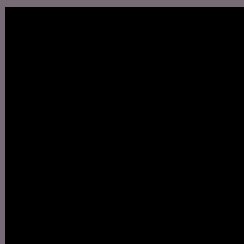
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.1355, 15.7453, 19.3283

Background



This preview shows how black text looks on a background with the XYZ color 16.1355, 15.7453, 19.3283.



This preview shows how white text looks on a background with the XYZ color 16.1355, 15.7453,

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

16.1355, 15.7453, 19.3283

Protanopia

15.3965, 15.8229, 20.0119

Deuteranopia

15.9989, 15.6749, 19.3219



Tritanopia

16.0178, 15.6983, 18.7088

Trichromacy



Original Color

16.1355, 15.7453, 19.3283

Protanomaly

15.6085, 15.7799, 19.6759

Deuteranomaly

15.9989, 15.6749, 19.3219

Tritanomaly

16.0763, 15.7217, 19.0169

Monochromacy



Original Color

16.1355, 15.7453, 19.3283

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.6834, 16.0116, 18.1835

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.1355, 15.7453, 19.3283 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(119, 107, 118)` looks like.

```
.text, #text, p{  
    color:rgb(119, 107, 118)  
}
```

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(119, 107, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 107, 118) }
```

Border

The CSS property to change the border of an element to XYZ 16.1355, 15.7453, 19.3283 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(119, 107, 118) }
```


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

```
.border{ border-color:rgb(119, 107, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 107, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 107, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 107, 118);  
box-shadow:4px 4px 4px 4px rgb(119, 107,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 16.1355, 15.7453, 19.3283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 107, 118) }
```

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

```
.background{ background-color: rgb(119,  
107, 118) }
```

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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