

Converting Colors

XYZ(15.7361, 16.3278, 19.9981)

Have a look what the booklet for
XYZ(15.7361, 16.3278, 19.9981)
contains.

XYZ(15.7399, 16.3239, 20.0905)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(15.7399, 16.3239,
20.0905)**

Conversions

Conversions Part 1

Format	Color
Hex	6F7078
RGB	111, 112, 120
RGB Percent	44%, 44%, 47%
CMY	0.5647, 0.5608, 0.5294
CMYK	0.07, 0.07, 0.00, 0.53
HSL	233°, 4%, 45%
HSV	233°, 7%, 47%
XYZ	15.7399, 16.3239, 20.0905
YIQ	112.6130, -3.1640, 2.2760

Conversions

Conversions Part 2

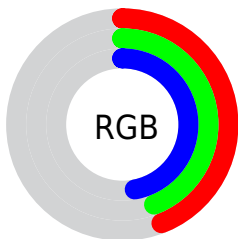
Format	Color
R_{YB}	111, 112, 120
Decimal	7303288
CIE _{Lab}	47.40, 1.31, -4.56
CIE _{LCh}	47, 4.741, 286.062
Yxy	16.3239, 0.3018, 0.3130
Android (android.graphics.Color)	4285493368 (0xFF6F7078)
YUV	112.6130, 3.6418, -1.4146
Hunter-Lab	40.4028, -1.1660, -1.2002

Details

The XYZ color **15.7399, 16.3239, 20.0905** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.2119, 18.3344, 17.6710**, and the grayscale version is **15.5721, 16.3831, 17.8412**.

A 20% lighter version of the original color is **35.8261, 37.3160, 44.3442**, and **5.0530, 5.1914, 6.8666** is the 20% darker color. If you saturate the color by 10%, you get **13.2225, 13.3819, 19.6556**, and if you desaturate by 10%, it is **18.6006, 19.6507, 20.5821**.

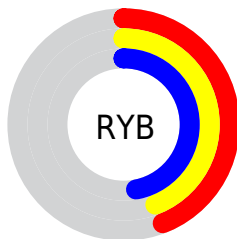
Distribution



Red (44%)

Green (44%)

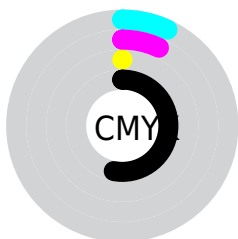
Blue (47%)



Red (44%)

Yellow (44%)

Blue (47%)

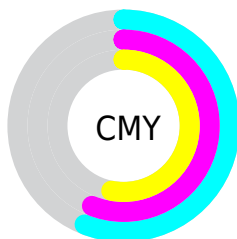


Cyan (7%)

Magenta (7%)

Yellow (0%)

Black (53%)



Cyan (56%)

Magenta (56%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.7399, 16.3239, 20.0905 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 15.7399, 16.3239, 20.0905 by changing the saturation by 10% instead.

■ 15.7399, 16.3239,
20.0905

■ 15.7399, 16.3239,
20.0905

221.1027,
231.2455, 265.0251

■ 9.4300, 9.7536,
12.2761

■ 35.7072, 37.1596,
44.4298

■ 5.0820, 5.2359,
6.8072

■ 50.0952, 52.1938,
61.7918

■ 2.3307, 2.3863,
3.2652

■ 67.9067, 70.8182,
83.1735

■ 0.8103, 0.8188,
1.2316

■ 89.5069, 93.4170,
108.9933

■ 0.0000, 0.0000,
0.0047

115.2613,
120.3748, 139.6698

■ 0.0000, 0.0000,
0.0000

145.5351,

152.0759, 175.6216

180.6938,
188.9046, 217.2672

■ 15.7399, 16.3239,
20.0905

■ 15.7399, 16.3239,
20.0905

■ 13.2225, 13.3819,
19.6556

■ 18.6006, 19.6507,
20.5821

■ 11.0340, 10.8087,
19.2742

■ 21.8152, 23.3734,
21.1312

■ 9.1612, 8.5904,
18.9448

■ 25.3960, 27.5050,
21.7400

■ 7.5894, 6.7114,
18.6649

■ 29.3538, 32.0577,
22.4101

■ 6.3029, 5.1548,
18.4323

■ 33.6994, 37.0427,
23.1433

■ 5.2844, 3.9024,
18.2442

■ 38.4429, 42.4713,
23.9411

■ 4.5147, 2.9340,
18.0979

■ 43.5941, 48.3539,
24.8051

■ 3.9719, 2.2270,
17.9900

■ 49.1624, 54.7008,
25.7367

■ 3.6133, 1.7466,
17.9162

■ 55.1570, 61.5220,
26.7374

Harmonies

Analogous

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



15.3217, 16.3239, 20.1146



15.7399, 16.3239, 20.0905



16.1042, 16.3239, 19.4276

Triad

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



15.7399, 16.3239, 20.0905



16.0825, 16.3239, 16.1599



14.7447, 16.3239, 17.2226

Complementary

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



15.7399, 16.3239, 20.0905



17.2119, 18.3344, 17.6710

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.



14.9411, 16.3239, 16.2169



15.7399, 16.3239, 20.0905



15.7107, 16.3239, 15.6223

Square

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



15.7399, 16.3239, 20.0905



16.3045, 16.3239, 17.1417



15.2930, 16.3239, 15.6427



14.7522, 16.3239, 18.4216

Rectangle

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



15.7399, 16.3239, 20.0905



16.2653, 16.3239, 18.7290



15.2930, 16.3239, 15.6427



14.7889, 16.3239, 16.8519

Sweetspot

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



15.7404, 16.3246, 20.0909



30.3500, 31.8151, 35.7944



16.5991, 18.1434, 20.0644



7.2109, 7.5611, 8.4861



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.



15.7404, 16.3246, 20.0909



26.8797, 27.7736, 35.1972



16.0730, 16.3330, 20.0749



3.8303, 3.9588, 5.0054



3.8542, 1.7908, 19.5278



18.0594, 7.8915, 93.0412

Inverse Universe

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



16.3552, 16.5322, 17.6590



28.1957, 28.2221, 29.9909



16.8618, 18.3317, 17.6890



4.0148, 4.0216, 4.2754



8.5287, 4.3877, 0.8094



40.5187, 20.8638, 2.9956

Previews

White Background



This preview shows how the XYZ color 15.7399, 16.3239, 20.0905 looks on a white background.

Color Contrast Check

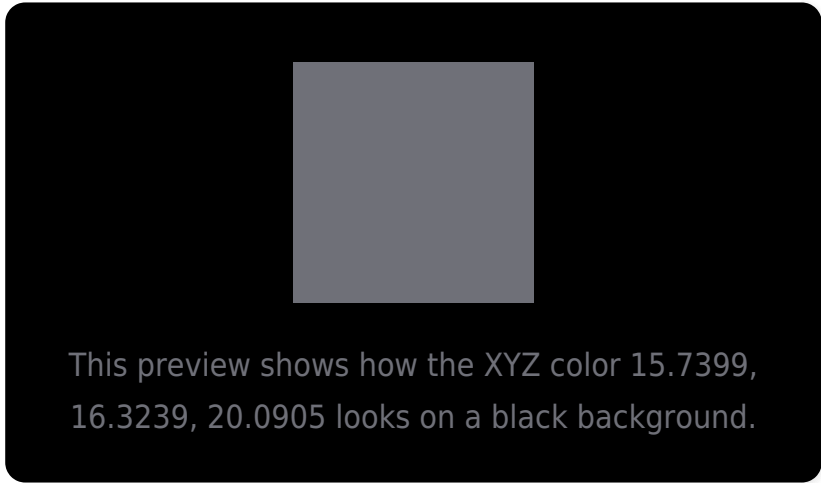
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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

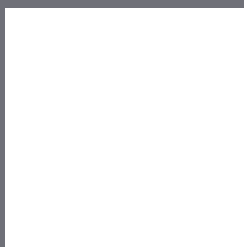
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.7399, 16.3239, 20.0905

Background



This preview shows how black text looks on a background with the XYZ color 15.7399, 16.3239, 20.0905.



This preview shows how white text looks on a background with the XYZ color 15.7399, 16.3239,

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

15.7399, 16.3239, 20.0905

Protanopia

15.8664, 16.3892, 20.0965

Deuteranopia

16.6656, 16.3108, 20.3591



Tritanopia

15.8009, 16.3483, 20.4119

Trichromacy

**Original Color**

15.7399, 16.3239, 20.0905

Protanomaly

15.8664, 16.3892, 20.0965

Deuteranomaly

16.3632, 16.3142, 20.3757

Tritanomaly

15.8009, 16.3483, 20.4119

Monochromacy

**Original Color**

15.7399, 16.3239, 20.0905

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.7396, 16.5160, 18.8813

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.7399, 16.3239, 20.0905 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(111, 112, 120)` looks like.

```
.text, #text, p{  
    color:rgb(111, 112, 120)  
}
```

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(111, 112, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 112, 120) }
```

Border

The CSS property to change the border of an element to XYZ 15.7399, 16.3239, 20.0905 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(111, 112, 120) }
```


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

```
.border{ border-color:rgb(111, 112, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 112, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 112, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 112, 120);  
box-shadow:4px 4px 4px 4px rgb(111, 112,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 15.7399, 16.3239, 20.0905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 112, 120) }
```

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

```
.background{ background-color: rgb(111,  
112, 120) }
```

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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