

Converting Colors

XYZ(15.5525, 16.6253, 17.1413)

Have a look what the booklet for
XYZ(15.5525, 16.6253, 17.1413)
contains.

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Color

**XYZ(15.5139, 16.6052,
17.1393)**

Conversions

Conversions Part 1	
Format	Color
Hex	70726E
RGB	112, 114, 110
RGB Percent	44%, 45%, 43%
CMY	0.5608, 0.5529, 0.5686
CMYK	0.02, 0.00, 0.04, 0.55
HSL	90°, 2%, 44%
HSV	90°, 4%, 45%
XYZ	15.5139, 16.6052, 17.1393
YIQ	112.9460, 0.0920, -1.6680

Conversions

Conversions Part 2

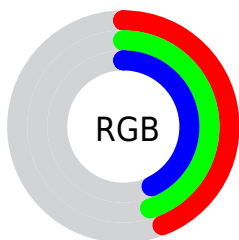
Format	Color
RYB	110, 114, 112
Decimal	7369326
CIELab	47.76, -1.57, 1.94
CIELCh	48, 2.496, 128.956
Yxy	16.6052, 0.3149, 0.3371
Android (android.graphics.Color)	4285559406 (0xFF70726E)
YUV	112.9460, -1.4524, -0.8296
Hunter-Lab	40.7495, -3.3541, 3.5872

Details

The XYZ color **15.5139, 16.6052, 17.1393** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.2959, 15.8120, 18.1663**, and the grayscale version is **15.6846, 16.5014, 17.9700**.

A 20% lighter version of the original color is **35.4676, 37.7736, 39.6041**, and **4.9598, 5.3453, 5.4730** is the 20% darker color. If you saturate the color by 10%, you get **14.2300, 16.0110, 14.0449**, and if you desaturate by 10%, it is **16.9246, 17.2565, 20.6572**.

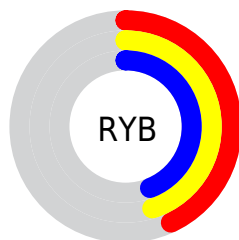
Distribution



Red (44%)

Green (45%)

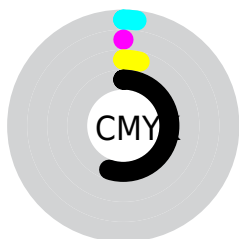
Blue (43%)



Red (43%)

Yellow (45%)

Blue (44%)

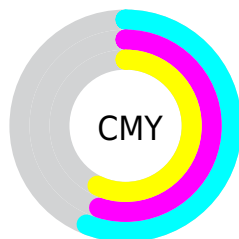


Cyan (2%)

Magenta (0%)

Yellow (4%)

Black (55%)



Cyan (56%)


Magenta (55%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.5139, 16.6052, 17.1393 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 15.5139, 16.6052, 17.1393 by changing the saturation by 10% instead.


 15.5139, 16.6052,
17.1393


 15.5139, 16.6052,
17.1393


219.7832,
232.8869, 248.0449


 9.2695, 9.9534,
10.1709


 35.3165, 37.6457,
39.3591


 4.9759, 5.3681,
5.4053

 49.6055, 52.8032,
55.4474

 2.2677, 2.4648,
2.4241

 67.3066, 71.5648,
75.4129

 0.7781, 0.8589,
0.7995

 88.7854, 94.3148,
99.6739


 0.0000, 0.0000,
0.0000


114.4070,
121.4376, 128.6491


144.5370,


153.3176, 162.7570


179.5406,
190.3392, 202.4161


 15.5139, 16.6052,
17.1393


 15.5139, 16.6052,
17.1393


 14.2300, 16.0110,
14.0449


 16.9246, 17.2565,
20.6572


 13.0676, 15.4700,
11.3571


 18.4644, 17.9644,
24.6127


 12.0231, 14.9814,
9.0591

 20.1373, 18.7309,
29.0206

 11.0923, 14.5431,
7.1328

 21.9466, 19.5577,
33.8944

 10.2703, 14.1534,
5.5587

 23.8957, 20.4460,
39.2474

■ 9.5523, 13.8100,
4.3152

■ 25.9876, 21.3972,
45.0921

■ 8.9327, 13.5107,
3.3787

■ 28.2253, 22.4126,
51.4408

■ 8.4055, 13.2529,
2.7222

■ 30.6118, 23.4934,
58.3051

■ 7.9624, 13.0332,
2.3084

■ 33.1500, 24.6409,
65.6963

Harmonies

Analogous

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



15.7159, 16.6052, 16.8907



15.5139, 16.6052, 17.1393



15.3848, 16.6052, 17.6416

Triad

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



15.5139, 16.6052, 17.1393



15.6288, 16.6052, 19.2543



16.2114, 16.6052, 17.8892

Complementary

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



15.5139, 16.6052, 17.1393



15.2959, 15.8120, 18.1663

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.



16.1875, 16.6052, 18.5261



15.5139, 16.6052, 17.1393



15.8498, 16.6052, 19.3244

Square

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



15.5139, 16.6052, 17.1393



15.4507, 16.6052, 18.8657



16.0547, 16.6052, 19.0550



16.1195, 16.6052, 17.3169

Rectangle

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



15.5139, 16.6052, 17.1393



15.3567, 16.6052, 18.0578



16.0547, 16.6052, 19.0550



16.2166, 16.6052, 18.1027

Sweetspot

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



15.5144, 16.6059, 17.1397



27.8567, 29.4548, 31.5833



15.5487, 16.2922, 17.0773



6.4468, 6.8140, 7.3154



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



15.5144, 16.6059, 17.1397



27.1220, 29.1153, 29.7752



15.2627, 16.4762, 17.1279



3.6274, 3.9015, 3.9657



8.5553, 14.3541, 2.3197



41.6228, 70.9913, 11.5090

Inverse Universe

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



15.2959, 15.8120, 18.1663



26.6751, 27.4908, 31.8758



15.5533, 15.9446, 18.1784



3.5619, 3.6634, 4.2736



5.2421, 2.3118, 17.8915



25.1183, 11.0033, 89.0791

Previews

White Background



This preview shows how the XYZ color 15.5139, 16.6052, 17.1393 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 15.5139, 16.6052, 17.1393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

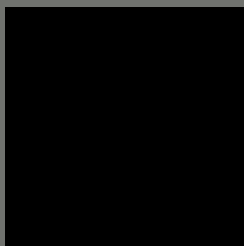
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

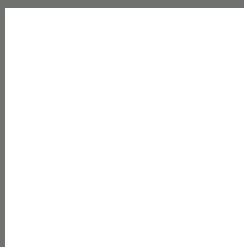
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.5139, 16.6052, 17.1393

Background



This preview shows how black text looks on a background with the XYZ color 15.5139, 16.6052, 17.1393.



This preview shows how white text looks on a background with the XYZ color 15.5139, 16.6052,

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

15.5139, 16.6052, 17.1393

Protanopia

15.8679, 16.6274, 16.8411

Deuteranopia

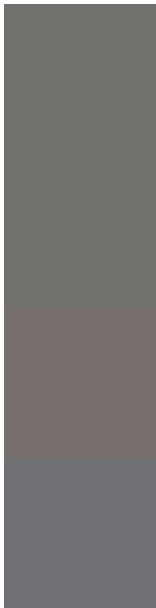
16.9026, 16.6595, 17.3637



Tritanopia

16.1848, 16.5462, 20.4299

Trichromacy



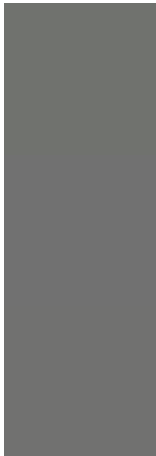
Original Color
15.5139, 16.6052, 17.1393

Protanomaly
15.7357, 16.5592, 16.8349

Deuteranomaly
16.2994, 16.5096, 17.3665

Tritanomaly
15.9261, 16.6053, 19.1954

Monochromacy



Original Color
15.5139, 16.6052, 17.1393

Achromatopsia
15.6958, 16.5132, 17.9829

Achromatomaly
15.6398, 16.4908, 17.6880

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5139, 16.6052, 17.1393 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(112, 114, 110) looks like.

```
.text, #text, p{  
    color:rgb(112, 114, 110)  
}
```

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(112, 114, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 114, 110) }
```

Border

The CSS property to change the border of an element to XYZ 15.5139, 16.6052, 17.1393 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(112, 114, 110) }
```


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

```
.border{ border-color:rgb(112, 114, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 114, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 114, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 114, 110);  
box-shadow:4px 4px 4px 4px rgb(112, 114,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5139, 16.6052, 17.1393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 114, 110) }
```

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

```
.background{ background-color: rgb(112,  
114, 110) }
```

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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