

Converting Colors

XYZ(15.9278, 16.8622, 26.7050)

Have a look what the booklet for
XYZ(15.9278, 16.8622, 26.7050)
contains.

XYZ(16.0512, 17.0075, 26.8629)	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(16.0512, 17.0075,
26.8629)**

Conversions

Conversions Part 1

Format	Color
Hex	63748B
RGB	99, 116, 139
RGB Percent	39%, 45%, 55%
CMY	0.6118, 0.5451, 0.4549
CMYK	0.29, 0.17, 0.00, 0.45
HSL	214°, 17%, 47%
HSV	214°, 29%, 55%
XYZ	16.0512, 17.0075, 26.8629
YIQ	113.5390, -17.5150, 3.5490

Conversions

Conversions Part 2

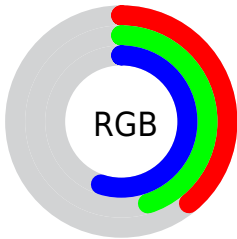
Format	Color
R _Y B	99, 111, 139
Decimal	6517899
CIE Lab	48.27, -0.65, -14.63
CIE LCh	48, 14.643, 267.447
Yxy	17.0075, 0.2679, 0.2838
Android (android.graphics.Color)	4284707979 (0xFF63748B)
YUV	113.5390, 12.5523, -12.7507
Hunter-Lab	41.2402, -2.6958, -9.7521

Details

The XYZ color **16.0512, 17.0075, 26.8629** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.8594, 20.3092, 14.6783**, and the grayscale version is **15.8243, 16.6483, 18.1300**.

A 20% lighter version of the original color is **36.3908, 38.4348, 55.9527**, and **5.2355, 5.5593, 10.2483** is the 20% darker color. If you saturate the color by 10%, you get **13.7795, 14.5274, 26.5042**, and if you desaturate by 10%, it is **18.6647, 19.7823, 27.2610**.

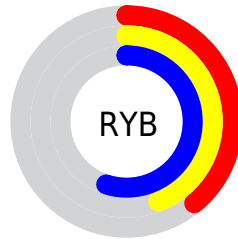
Distribution



Red (39%)

Green (45%)

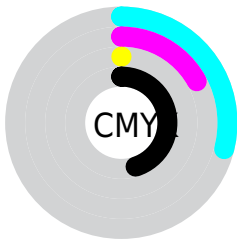
Blue (55%)



Red (39%)

Yellow (44%)

Blue (55%)

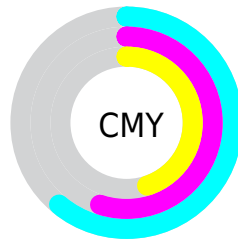


Cyan (29%)

Magenta (17%)

Yellow (0%)

Black (45%)



Cyan (61%)

Magenta (55%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.0512, 17.0075, 26.8629 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 16.0512, 17.0075, 26.8629 by changing the saturation by 10% instead.

■ 16.0512, 17.0075,
26.8629

■ 16.0512, 17.0075,
26.8629

222.9081,
235.2156, 300.7318

■ 9.6515, 10.2398,
17.2388

■ 36.2438, 38.3387,
55.6648

■ 5.2290, 5.5583,
10.2411

■ 50.7674, 53.6710,
75.6797

■ 2.4184, 2.5784,
5.4514

■ 68.7296, 72.6269,
99.9953

■ 0.8543, 0.9158,
2.4512

■ 90.4959, 95.5910,
129.0300

■ 0.0000, 0.0000,
0.8141

116.4315,
122.9474, 163.2025

■ 0.0000, 0.0000,
0.0000

146.9018,

155.0808, 202.9313

182.2722,
192.3754, 248.6349

■ 16.0512, 17.0075,
26.8629

■ 16.0512, 17.0075,
26.8629

■ 13.7795, 14.5274,
26.5042

■ 18.6647, 19.7823,
27.2610

■ 11.8325, 12.3291,
26.1825

■ 21.6327, 22.8599,
27.6986

■ 10.1942, 10.4015,
25.8968

■ 24.9693, 26.2508,
28.1773

■ 8.8463, 8.7322,
25.6456

■ 28.6871, 29.9643,
28.6981

■ 7.7685, 7.3072,
25.4274

■ 32.7983, 34.0090,
29.2621

■ 6.9373, 6.1109,
25.2403

■ 37.3145, 38.3935,
29.8704

■ 6.3004, 5.1127,
25.0812

■ 42.2467, 43.1259,
30.5239

■ 6.2282, 5.0000,
25.0632

■ 47.6057, 48.2141,
31.2236

■ 53.4015, 53.6656,
31.9703

Harmonies

Analogous

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



14.8247, 17.0075, 25.4209



16.0512, 17.0075, 26.8629



17.3756, 17.0075, 25.8270

Triad

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



16.0512, 17.0075, 26.8629



18.5483, 17.0075, 15.3365



14.0993, 17.0075, 14.8423

Complementary

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



16.0512, 17.0075, 26.8629



19.8594, 20.3092, 14.6783

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.



15.0122, 17.0075, 12.7376



16.0512, 17.0075, 26.8629



17.5840, 17.0075, 12.9941

Square

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



16.0512, 17.0075, 26.8629



18.8635, 17.0075, 18.8472



16.2796, 17.0075, 12.1100



13.7372, 17.0075, 18.1932

Rectangle

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



16.0512, 17.0075, 26.8629



18.1279, 17.0075, 23.9398



16.2796, 17.0075, 12.1100



14.3494, 17.0075, 13.9841

Sweetspot

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



16.0517, 17.0082, 26.8633



38.5037, 40.6951, 49.5685



17.8709, 22.5152, 21.7087



8.7041, 9.2043, 11.3973



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



16.0517, 17.0082, 26.8633



25.8404, 27.3009, 47.6506



14.5643, 13.5937, 26.2826



4.9380, 5.2189, 6.3529



5.6376, 4.5455, 22.6259



0.0515, 0.0582, 0.1550

Inverse Universe

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



18.2622, 15.6741, 18.5866



30.5901, 24.7445, 29.7965



21.6927, 24.6286, 15.4154



5.1153, 5.0816, 5.6958



10.3324, 5.2431, 4.2548



0.0757, 0.0377, 0.0655

Previews

White Background



This preview shows how the XYZ color 16.0512, 17.0075, 26.8629 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 16.0512, 17.0075, 26.8629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

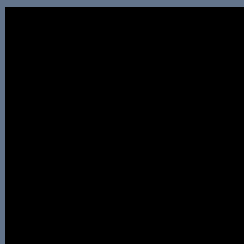
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

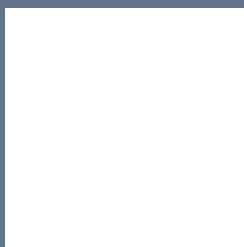
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.0512, 17.0075, 26.8629

Background



This preview shows how black text looks on a background with the XYZ color 16.0512, 17.0075, 26.8629.



This preview shows how white text looks on a background with the XYZ color 16.0512, 17.0075,

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

16.0512, 17.0075, 26.8629

Protanopia

16.7272, 16.8676, 26.0411

Deuteranopia

17.3378, 16.9925, 27.1770



Tritanopia

15.2390, 17.0306, 22.5627

Trichromacy



Original Color

16.0512, 17.0075, 26.8629

Protanomaly

16.4305, 16.8729, 26.4356

Deuteranomaly

16.8231, 16.8918, 27.1847

Tritanomaly

15.4950, 16.9579, 23.9293

Monochromacy



Original Color

16.0512, 17.0075, 26.8629

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.0126, 16.9427, 21.1652

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.0512, 17.0075, 26.8629 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(99, 116, 139) looks like.

```
.text, #text, p{  
    color:rgb(99, 116, 139)  
}
```

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(99, 116, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 116, 139) }
```

Border

The CSS property to change the border of an element to XYZ 16.0512, 17.0075, 26.8629 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(99, 116, 139) }
```


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

```
.border{ border-color:rgb(99, 116, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 116, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 116, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 116, 139);  
box-shadow:4px 4px 4px 4px rgb(99, 116,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 16.0512, 17.0075, 26.8629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 116, 139) }
```

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

```
.background{ background-color: rgb(99, 116,  
139) }
```

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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