

Converting Colors

XYZ(16.6439, 16.5375, 26.5919)

Have a look what the booklet for
XYZ(16.6439, 16.5375, 26.5919)
contains.

XYZ(16.6513, 16.4842, 26.7302)	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(16.6513, 16.4842,
26.7302)**

Conversions

Conversions Part 1

Format	Color
Hex	6D6F8B
RGB	109, 111, 139
RGB Percent	43%, 44%, 55%
CMY	0.5725, 0.5647, 0.4549
CMYK	0.22, 0.20, 0.00, 0.45
HSL	236°, 12%, 49%
HSV	236°, 22%, 55%
XYZ	16.6513, 16.4842, 26.7302
YIQ	113.5940, -10.1800, 8.2840

Conversions

Conversions Part 2

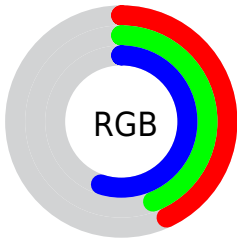
Format	Color
R _Y B	109, 111, 139
Decimal	7171979
CIE Lab	47.60, 5.62, -15.57
CIE LCh	48, 16.553, 289.850
Yxy	16.4842, 0.2781, 0.2754
Android (android.graphics.Color)	4285362059 (0xFF6D6F8B)
YUV	113.5940, 12.5252, -4.0289
Hunter-Lab	40.6007, 2.1557, -10.6141

Details

The XYZ color **16.6513, 16.4842, 26.7302** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **22.3535, 24.4843, 18.0162**, and the grayscale version is **15.8392, 16.6640, 18.1471**.

A 20% lighter version of the original color is **37.4208, 37.6217, 55.7415**, and **5.5051, 5.2684, 10.1779** is the 20% darker color. If you saturate the color by 10%, you get **13.7606, 13.0434, 26.2187**, and if you desaturate by 10%, it is **20.0191, 20.4769, 27.3236**.

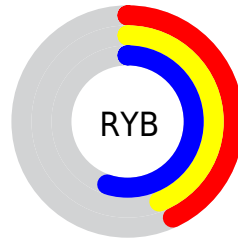
Distribution



Red (43%)

Green (44%)

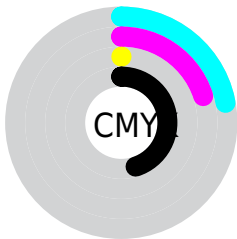
Blue (55%)



Red (43%)

Yellow (44%)

Blue (55%)

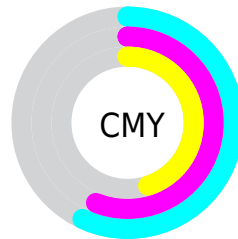


Cyan (22%)

Magenta (20%)

Yellow (0%)

Black (45%)



Cyan (57%)

Magenta (56%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.6513, 16.4842, 26.7302 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 16.6513, 16.4842, 26.7302 by changing the saturation by 10% instead.

■ 16.6513, 16.4842,
26.7302

■ 16.6513, 16.4842,
26.7302

226.3505,
232.1822, 300.0671

■ 10.0799, 9.8674,
17.1401

■ 37.2736, 37.4368,
55.4491

■ 5.5147, 5.3111,
10.1714

■ 52.0554, 52.5414,
75.4149

■ 2.5901, 2.4310,
5.4056

■ 70.3046, 71.2440,
99.6764

■ 0.9409, 0.8417,
2.4243

■ 92.3866, 93.9292,
128.6520

■ 0.0000, 0.0000,
0.7996

118.6669,
120.9812, 162.7604

■ 0.0000, 0.0000,
0.0000

149.5107,

152.7844, 202.4200

185.2834,
189.7233, 248.0494

■ 16.6513, 16.4842,
26.7302

■ 16.6513, 16.4842,
26.7302

■ 13.7606, 13.0434,
26.2187

■ 20.0191, 20.4769,
27.3236

■ 11.3239, 10.1284,
25.7845

■ 23.8825, 25.0423,
28.0012

■ 9.3185, 7.7137,
25.4241

■ 28.2611, 30.2023,
28.7664

■ 7.7193, 5.7713,
25.1334

■ 33.1728, 35.9774,
29.6223

■ 6.4985, 4.2702,
24.9080

■ 38.6348, 42.3868,
30.5715

■ 5.6246, 3.1755,
24.7428

■ 44.6633, 49.4490,
31.6169

■ 5.0613, 2.4473,
24.6319

■ 51.2741, 57.1819,
32.7611

■ 4.7609, 2.0654,
24.5741

■ 58.4821, 65.6024,
34.0065

■ 66.3020, 74.7270,
35.3556

Harmonies

Analogous

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



15.1729, 16.4842, 27.1968



16.6513, 16.4842, 26.7302



17.9386, 16.4842, 23.7159

Triad

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



16.6513, 16.4842, 26.7302



17.5698, 16.4842, 12.4251



13.0369, 16.4842, 16.5539

Complementary

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



16.6513, 16.4842, 26.7302



22.3535, 24.4843, 18.0162

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.



13.5971, 16.4842, 13.2013



16.6513, 16.4842, 26.7302



16.1732, 16.4842, 11.0778

Square

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



16.6513, 16.4842, 26.7302



18.4916, 16.4842, 15.3277



14.7237, 16.4842, 11.3376



13.1471, 16.4842, 20.8522

Rectangle

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



16.6513, 16.4842, 26.7302



18.4859, 16.4842, 20.8965



14.7237, 16.4842, 11.3376



13.1516, 16.4842, 15.2917

Sweetspot

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



16.6518, 16.4849, 26.7306



39.5099, 40.9976, 49.5739



20.0192, 23.5085, 26.9620



9.0155, 9.3422, 11.4075



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.



16.6518, 16.4849, 26.7306



27.1358, 26.3294, 47.3948



18.0846, 16.9029, 26.7357



4.7997, 4.9424, 6.3068



4.3021, 1.8745, 22.1807



0.0316, 0.0186, 0.1484

Inverse Universe

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



18.9857, 17.5743, 17.4312



32.1135, 28.6832, 27.5550



20.6713, 24.0434, 18.0197



5.0455, 5.0537, 5.3282



9.6583, 4.9734, 0.7050



0.0657, 0.0337, 0.0128

Previews

White Background



This preview shows how the XYZ color 16.6513, 16.4842, 26.7302 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 16.6513, 16.4842, 26.7302 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 16.6513, 16.4842, 26.7302

Background



This preview shows how black text looks on a background with the XYZ color 16.6513, 16.4842, 26.7302.



This preview shows how white text looks on a background with the XYZ color 16.6513, 16.4842,

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

16.6513, 16.4842, 26.7302

Protanopia

16.4717, 16.5460, 27.1365

Deuteranopia

16.9002, 16.6125, 26.7419



Tritanopia

15.5363, 16.5289, 21.1104

Trichromacy



Original Color

16.6513, 16.4842, 26.7302

Protanomaly

16.5912, 16.6076, 27.1421

Deuteranomaly

16.7750, 16.5480, 26.7360

Tritanomaly

15.9310, 16.5210, 23.1181

Monochromacy



Original Color

16.6513, 16.4842, 26.7302

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.1624, 16.6851, 21.1076

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.6513, 16.4842, 26.7302 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(109, 111, 139)` looks like.

```
.text, #text, p{  
    color:rgb(109, 111, 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(109, 111, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 111, 139) }
```

Border

The CSS property to change the border of an element to XYZ 16.6513, 16.4842, 26.7302 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(109, 111, 139) }
```


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

```
.border{ border-color:rgb(109, 111, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 111, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 111, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 111, 139);  
box-shadow:4px 4px 4px 4px rgb(109, 111,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 16.6513, 16.4842, 26.7302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 111, 139) }
```

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

```
.background{ background-color: rgb(109,  
111, 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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