

Converting Colors

XYZ(15.1748, 16.3521, 26.9187)

Have a look what the booklet for
XYZ(15.1748, 16.3521, 26.9187)
contains.

XYZ(15.2046, 16.4009, 26.7904)	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(15.2046, 16.4009,
26.7904)**

Conversions

Conversions Part 1

Format	Color
Hex	5C738B
RGB	92, 115, 139
RGB Percent	36%, 45%, 55%
CMY	0.6392, 0.5490, 0.4549
CMYK	0.34, 0.17, 0.00, 0.45
HSL	211°, 20%, 45%
HSV	211°, 34%, 55%
XYZ	15.2046, 16.4009, 26.7904
YIQ	110.8590, -21.4120, 2.5880

Conversions

Conversions Part 2

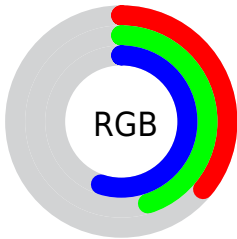
Format	Color
R _Y B	92, 107, 139
Decimal	6058891
CIE Lab	47.50, -2.27, -15.85
CIE LCh	47, 16.010, 261.864
Yxy	16.4009, 0.2604, 0.2809
Android (android.graphics.Color)	4284248971 (0xFF5C738B)
YUV	110.8590, 13.8735, -16.5393
Hunter-Lab	40.4980, -3.8554, -10.8731

Details

The XYZ color **15.2046, 16.4009, 26.7904** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.8249, 18.7527, 12.7532**, and the grayscale version is **15.0346, 15.8175, 17.2253**.

A 20% lighter version of the original color is **34.9460, 37.4170, 55.8324**, and **4.8066, 5.2492, 10.2110** is the 20% darker color. If you saturate the color by 10%, you get **13.1630, 14.1932, 26.4722**, and if you desaturate by 10%, it is **17.5643, 18.8659, 27.1421**.

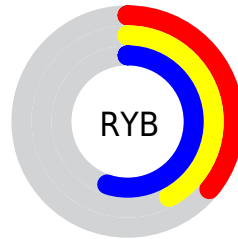
Distribution



Red (36%)

Green (45%)

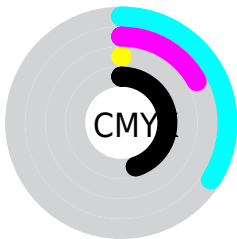
Blue (55%)



Red (36%)

Yellow (42%)

Blue (55%)

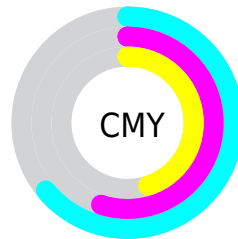


Cyan (34%)

Magenta (17%)

Yellow (0%)

Black (45%)



Cyan (64%)

Magenta (55%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2046, 16.4009, 26.7904 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 15.2046, 16.4009, 26.7904 by changing the saturation by 10% instead.

■ 15.2046, 16.4009,
26.7904

■ 15.2046, 16.4009,
26.7904

217.9652,
231.6959, 300.3688

■ 9.0504, 9.8083,
17.1848

■ 34.7804, 37.2928,
55.5470

■ 4.8314, 5.2720,
10.2030

■ 48.9327, 52.3609,
75.5351

■ 2.1824, 2.4077,
5.4264

■ 66.4817, 71.0229,
99.8211

■ 0.7335, 0.8299,
2.4365

■ 87.7928, 93.6632,
128.8236

■ 0.0000, 0.0000,
0.8062

113.2314,
120.6663, 162.9610

■ 0.0000, 0.0000,
0.0000

143.1627,

152.4165, 202.6520

177.9522,
189.2982, 248.3151

■ 15.2046, 16.4009,
26.7904

■ 15.2046, 16.4009,
26.7904

■ 13.1630, 14.1932,
26.4722

■ 17.5643, 18.8659,
27.1421

■ 11.4227, 12.2308,
26.1851

■ 20.2549, 21.5957,
27.5272

■ 9.9675, 10.5037,
25.9284

■ 23.2902, 24.5996,
27.9470

■ 8.7788, 9.0001,
25.7009

■ 26.6828, 27.8861,
28.4026

■ 7.8355, 7.7069,
25.5010

■ 30.4445, 31.4631,
28.8948

■ 7.1123, 6.6084,
25.3270

■ 34.5867, 35.3382,
29.4244

■ 6.7288, 6.0013,
25.2301

■ 39.1203, 39.5188,
29.9924

■ 44.0555, 44.0118,
30.5995

■ 49.4024, 48.8242,
31.2466

Harmonies

Analogous

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



13.9595, 16.4009, 24.7560



15.2046, 16.4009, 26.7904



16.6297, 16.4009, 26.1603

Triad

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



15.2046, 16.4009, 26.7904



18.2677, 16.4009, 15.0962



13.5344, 16.4009, 13.4435

Complementary

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



15.2046, 16.4009, 26.7904



18.8249, 18.7527, 12.7532

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.



14.5919, 16.4009, 11.5290



15.2046, 16.4009, 26.7904



17.3396, 16.4009, 12.3772

Square

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



15.2046, 16.4009, 26.7904



18.4565, 16.4009, 18.9897



15.9789, 16.4009, 11.1707



13.0343, 16.4009, 16.7718

Rectangle

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



15.2046, 16.4009, 26.7904



17.4864, 16.4009, 24.3509



15.9789, 16.4009, 11.1707



13.8333, 16.4009, 12.6355

Sweetspot

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



15.2051, 16.4015, 26.7908



38.1541, 40.5499, 49.5589



16.7700, 21.9903, 19.7320



8.6397, 9.1926, 11.3984



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.



15.2051, 16.4015, 26.7908



24.2318, 26.1418, 47.5117



12.9015, 11.7942, 26.0229



4.9635, 5.2699, 6.3614



6.0901, 5.4506, 22.7768



0.0550, 0.0654, 0.1562

Inverse Universe

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



17.5696, 14.3816, 18.0703



29.2757, 22.2952, 28.8052



21.8122, 24.7272, 13.7489



5.1282, 5.0867, 5.7635



10.5608, 5.3344, 5.4576



0.0775, 0.0384, 0.0750

Previews

White Background



This preview shows how the XYZ color 15.2046, 16.4009, 26.7904 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 15.2046, 16.4009, 26.7904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

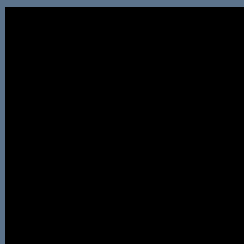
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

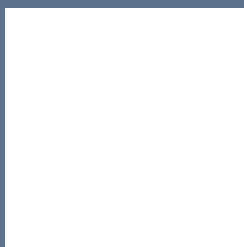
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.2046, 16.4009, 26.7904

Background



This preview shows how black text looks on a background with the XYZ color 15.2046, 16.4009, 26.7904.

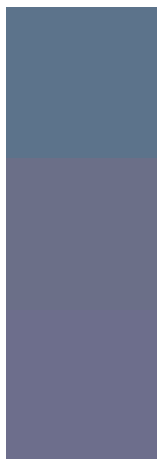


This preview shows how white text looks on a background with the XYZ color 15.2046, 16.4009,

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

15.2046, 16.4009, 26.7904

Protanopia

16.1918, 16.2723, 25.5800

Deuteranopia

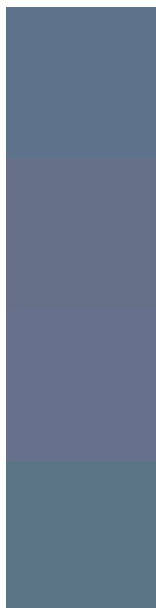
16.6162, 16.2965, 27.0807



Tritanopia

14.3119, 16.3787, 22.4858

Trichromacy



Original Color

15.2046, 16.4009, 26.7904

Protanomaly

15.7890, 16.2193, 25.9654

Deuteranomaly

16.1213, 16.3654, 27.1201

Tritanomaly

14.5586, 16.3031, 23.8522

Monochromacy



Original Color

15.2046, 16.4009, 26.7904

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.9543, 15.9119, 20.3723

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2046, 16.4009, 26.7904 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(92, 115, 139)` looks like.

```
.text, #text, p{  
    color:rgb(92, 115, 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(92, 115, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 115, 139) }
```

Border

The CSS property to change the border of an element to XYZ 15.2046, 16.4009, 26.7904 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(92, 115, 139) }
```


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

```
.border{ border-color:rgb(92, 115, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 115, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 115, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 115, 139);  
box-shadow:4px 4px 4px 4px rgb(92, 115,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2046, 16.4009, 26.7904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 115, 139) }
```

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

```
.background{ background-color: rgb(92, 115,  
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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