

Converting Colors

XYZ(15.3890, 14.9884, 26.6600)

Have a look what the booklet for
XYZ(15.3890, 14.9884, 26.6600)
contains.

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Color

**XYZ(15.4078, 15.0557,
26.5201)**

Conversions

Conversions Part 1

Format	Color
Hex	676A8B
RGB	103, 106, 139
RGB Percent	40%, 42%, 55%
CMY	0.5961, 0.5843, 0.4549
CMYK	0.26, 0.24, 0.00, 0.45
HSL	235°, 15%, 47%
HSV	235°, 26%, 55%
XYZ	15.4078, 15.0557, 26.5201
YIQ	108.8650, -12.3810, 9.6270

Conversions

Conversions Part 2

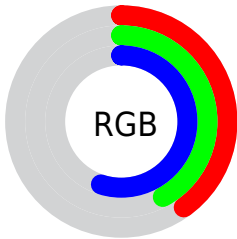
Format	Color
R_{YB}	103, 106, 139
Decimal	6777483
CIE _{Lab}	45.71, 6.64, -18.50
CIE _{LCh}	46, 19.658, 289.726
Yxy	15.0557, 0.2704, 0.2642
Android (android.graphics.Color)	4284967563 (0xFF676A8B)
YUV	108.8650, 14.8566, -5.1436
Hunter-Lab	38.8017, 2.9778, -13.3623

Details

The XYZ color **15.4078, 15.0557, 26.5201** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **21.9002, 24.0769, 16.3256**, and the grayscale version is **14.4598, 15.2128, 16.5667**.

A 20% lighter version of the original color is **35.2002, 34.9328, 55.3395**, and **4.9427, 4.6614, 10.0904** is the 20% darker color. If you saturate the color by 10%, you get **12.7271, 11.8675, 26.0463**, and if you desaturate by 10%, it is **18.5496, 18.7720, 27.0721**.

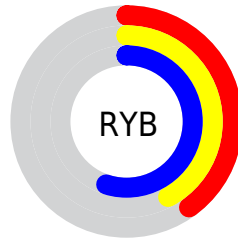
Distribution



Red (40%)

Green (42%)

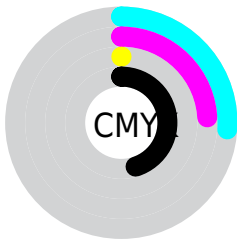
Blue (55%)



Red (40%)

Yellow (42%)

Blue (55%)

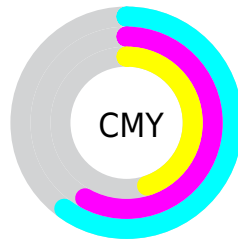


Cyan (26%)

Magenta (24%)

Yellow (0%)

Black (45%)



Cyan (60%)

Magenta (58%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4078, 15.0557, 26.5201 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 15.4078, 15.0557, 26.5201 by changing the saturation by 10% instead.

■ 15.4078, 15.0557,
26.5201

■ 15.4078, 15.0557,
26.5201

219.1612,
223.7031, 299.0123

■ 9.1943, 8.8585,
16.9839

■ 35.1328, 34.9509,
55.1072

■ 4.9262, 4.6490,
10.0612

■ 49.3750, 49.4176,
74.9951

■ 2.2384, 2.0428,
5.3334

■ 67.0242, 67.4096,
99.1707

■ 0.7628, 0.6322,
2.3820

■ 88.4456, 89.3114,
128.0524

■ 0.0000, 0.0000,
0.7766

114.0046,
115.5072, 162.0589

■ 0.0000, 0.0000,
0.0000

144.0667,

146.3815, 201.6087

178.9971,
182.3187, 247.1203

■ 15.4078, 15.0557,
26.5201

■ 15.4078, 15.0557,
26.5201

■ 12.7271, 11.8675,
26.0463

■ 18.5496, 18.7720,
27.0721

■ 10.4845, 9.1817,
25.6460

■ 22.1714, 23.0370,
27.7044

■ 8.6570, 6.9731,
25.3161

■ 26.2927, 27.8723,
28.4205

■ 7.2190, 5.2137,
25.0523

■ 30.9314, 33.2980,
29.2233

■ 6.1420, 3.8726,
24.8502

■ 36.1047, 39.3329,
30.1155

■ 5.3937, 2.9147,
24.7047

■ 41.8288, 45.9954,
31.0998

■ 4.9291, 2.2959,
24.6098

■ 48.1194, 53.3026,
32.1787

■ 4.7867, 2.1170,
24.5827

■ 54.9914, 61.2715,
33.3546

■ 62.4594, 69.9180,
34.6299

Harmonies

Analogous

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



13.7516, 15.0557, 27.0578



15.4078, 15.0557, 26.5201



16.8697, 15.0557, 22.9964

Triad

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



15.4078, 15.0557, 26.5201



16.4605, 15.0557, 10.3918



11.4097, 15.0557, 14.8253

Complementary

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



15.4078, 15.0557, 26.5201



21.9002, 24.0769, 16.3256

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.



12.0232, 15.0557, 11.1929



15.4078, 15.0557, 26.5201



14.8833, 15.0557, 8.9793

Square

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



15.4078, 15.0557, 26.5201



17.5091, 15.0557, 13.5135



13.2656, 15.0557, 9.2412



11.5264, 15.0557, 19.6552

Rectangle

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



15.4078, 15.0557, 26.5201



17.4972, 15.0557, 19.7475



13.2656, 15.0557, 9.2412



11.5354, 15.0557, 13.4419

Sweetspot

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



15.4083, 15.0563, 26.5204



38.1512, 39.4281, 49.3426



19.2705, 23.1268, 26.7411



8.5797, 8.8366, 11.3329



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.



15.4083, 15.0563, 26.5204



24.7218, 23.5520, 46.9860



16.9822, 15.4167, 26.5071



4.8060, 4.9549, 6.3089



4.3263, 1.9229, 22.1888



0.0326, 0.0204, 0.1487

Inverse Universe

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



18.0997, 16.2306, 15.8151



30.3944, 26.0789, 24.4109



19.9934, 23.7300, 16.3591



5.0487, 5.0549, 5.3449



9.6705, 4.9783, 0.7693



0.0662, 0.0338, 0.0152

Previews

White Background



This preview shows how the XYZ color 15.4078, 15.0557, 26.5201 looks on a white background.

Color Contrast Check

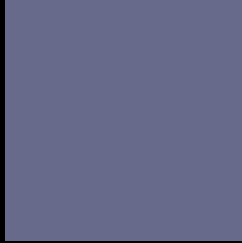
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.4078, 15.0557, 26.5201 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 15.4078, 15.0557, 26.5201

Background



This preview shows how black text looks on a background with the XYZ color 15.4078, 15.0557, 26.5201.

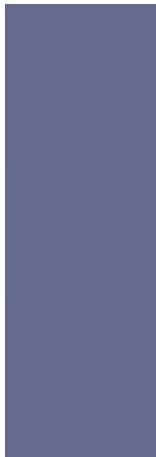


This preview shows how white text looks on a background with the XYZ color 15.4078, 15.0557,

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

15.4078, 15.0557, 26.5201

Protanopia

15.2468, 15.1182, 26.9254

Deuteranopia

15.2937, 14.9969, 26.5147



Tritanopia

13.9915, 15.1125, 19.3191

Trichromacy



Original Color

15.4078, 15.0557, 26.5201

Protanomaly

15.3581, 15.1755, 26.9307

Deuteranomaly

15.2937, 14.9969, 26.5147

Tritanomaly

14.4901, 15.1530, 21.8998

Monochromacy



Original Color

15.4078, 15.0557, 26.5201

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.8161, 15.2070, 19.9236

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4078, 15.0557, 26.5201 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(103, 106, 139)` looks like.

```
.text, #text, p{  
    color:rgb(103, 106, 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(103, 106, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 106, 139) }
```

Border

The CSS property to change the border of an element to XYZ 15.4078, 15.0557, 26.5201 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(103, 106, 139) }
```


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

```
.border{ border-color:rgb(103, 106, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 106, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 106, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 106, 139);  
box-shadow:4px 4px 4px 4px rgb(103, 106,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4078, 15.0557, 26.5201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 106, 139) }
```

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

```
.background{ background-color: rgb(103,  
106, 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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