

Converting Colors

XYZ(15.3848, 11.0237, 54.7435)

Have a look what the booklet for
XYZ(15.3848, 11.0237, 54.7435)
contains.

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Color

**XYZ(15.3764, 11.0078,
54.7404)**

Conversions

Conversions Part 1

Format	Color
Hex	4350C6
RGB	67, 80, 198
RGB Percent	26%, 31%, 78%
CMY	0.7372, 0.6863, 0.2235
CMYK	0.66, 0.60, 0.00, 0.22
HSL	234°, 53%, 52%
HSV	234°, 66%, 78%
XYZ	15.3764, 11.0078, 54.7404
YIQ	89.5650, -45.6260, 33.9420

Conversions

Conversions Part 2

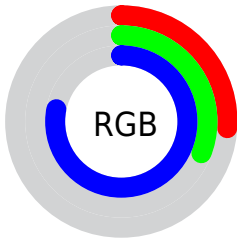
Format	Color
R _Y B	67, 79, 198
Decimal	4411590
CIE Lab	39.59, 32.82, -63.18
CIE LCh	40, 71.193, 297.447
Yxy	11.0078, 0.1895, 0.1357
Android (android.graphics.Color)	4282601670 (0xFF4350C6)
YUV	89.5650, 53.4585, -19.7895
Hunter-Lab	33.1780, 24.6646, -74.5980

Details

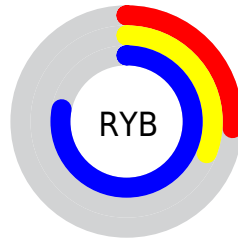
The XYZ color **15.3764, 11.0078, 54.7404** is a dark color, and the websafe version is hex **333399**. The color can be described as dark muted blue. A complement of this color would be **41.6527, 47.1123, 12.2095**, and the grayscale version is **9.5135, 10.0090, 10.8998**.

A 20% lighter version of the original color is **34.9535, 27.5876, 98.0904**, and **5.5888, 3.2449, 26.3184** is the 20% darker color. If you saturate the color by 10%, you get **13.1065, 8.1496, 54.3086**, and if you desaturate by 10%, it is **18.4579, 14.7989, 55.3100**.

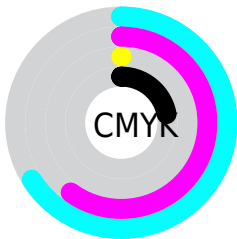
Distribution



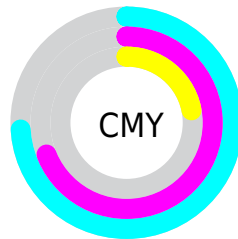
- Red (26%)
- Green (31%)
- Blue (78%)



- Red (26%)
- Yellow (31%)
- Blue (78%)



- Cyan (66%)
- Magenta (60%)
- Yellow (0%)
- Black (22%)



- Cyan (74%)
- Magenta (69%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3764, 11.0078, 54.7404 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 15.3764, 11.0078, 54.7404 by changing the saturation by 10% instead.

■ 15.3764, 11.0078,
54.7404

■ 15.3764, 11.0078,
54.7404

218.9768,
197.7211, 422.1813

■ 9.1720, 6.0721,
38.7967

■ 35.0784, 27.6746,
98.6278

■ 4.9116, 2.8890,
26.2950

■ 49.3068, 40.1745,
127.4087

■ 2.2297, 1.0740,
16.8167

■ 66.9405, 55.9645,
161.3056

■ 0.7583, 0.0000,
9.9433

■ 88.3449, 75.4291,
200.7373

■ 0.0000, 0.0000,
5.2563

■ 113.8854, 98.9527,
246.1221

■ 0.0000, 0.0000,
2.3371

143.9273,

■ 0.0000, 0.0000,

126.9196, 297.8787

0.7519

178.8360,
159.7142, 356.4256

■ 0.0000, 0.0000,
0.0000

■ 15.3764, 11.0078,
54.7404

■ 15.3764, 11.0078,
54.7404

■ 13.1065, 8.1496,
54.3086

■ 18.4579, 14.7989,
55.3100

■ 11.5689, 6.1417,
54.0021

■ 22.4170, 19.5941,
56.0269

■ 10.6687, 4.8871,
53.8074

■ 27.3147, 25.4585,
56.9007

■ 10.4369, 4.5649,
53.7574

■ 33.2062, 32.4515,
57.9400

■ 40.1421, 40.6282,
59.1527

■ 48.1699, 50.0400,
60.5462

■ 57.3339, 60.7352,
62.1276

■ 67.6762, 72.7596,
63.9035

■ 79.2366, 86.1568,
65.8801

Harmonies

Analogous

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



10.0527, 11.0078, 63.3594



15.3764, 11.0078, 54.7404



20.4555, 11.0078, 32.8640

Triad

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



15.3764, 11.0078, 54.7404



16.3251, 11.0078, 0.5772



3.6381, 11.0078, 10.8351

Complementary

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



15.3764, 11.0078, 54.7404



41.6527, 47.1123, 12.2095

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.



4.4064, 11.0078, 2.5934



15.3764, 11.0078, 54.7404



10.8834, 11.0078, 0.0000

Square

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



15.3764, 11.0078, 54.7404



21.1118, 11.0078, 3.4090



6.7260, 11.0078, 0.3556



4.1772, 11.0078, 28.9911

Rectangle

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



15.3764, 11.0078, 54.7404



22.4597, 11.0078, 18.7773



6.7260, 11.0078, 0.3556



3.7447, 11.0078, 7.0678

Sweetspot

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



15.3770, 11.0081, 54.7407



65.7667, 65.6870, 103.8203



31.2559, 45.0805, 52.8983



13.3335, 13.1832, 22.0918



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



15.3770, 11.0081, 54.7407



21.9649, 12.8271, 95.9259



19.8640, 12.0430, 54.7040



10.1399, 10.4539, 13.4009



6.8169, 3.0277, 34.9695



0.3523, 0.2024, 1.6656

Inverse Universe

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



26.7444, 16.6002, 9.3840



43.7586, 24.3448, 8.7888



32.9911, 46.8684, 12.6190



10.6759, 10.6537, 11.2766



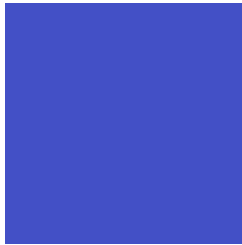
15.2402, 7.8456, 1.2087



0.7365, 0.3775, 0.1357

Previews

White Background



This preview shows how the XYZ color 15.3764, 11.0078, 54.7404 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 15.3764, 11.0078, 54.7404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

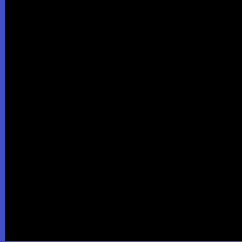
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.3764, 11.0078, 54.7404

Background



This preview shows how black text looks on a background with the XYZ color 15.3764, 11.0078, 54.7404.



This preview shows how white text looks on a background with the XYZ color 15.3764, 11.0078,

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

15.3764, 11.0078, 54.7404

Protanopia

12.8666, 10.8625, 50.1337

Deuteranopia

10.7930, 10.8648, 36.6502



Tritanopia

7.7195, 10.8482, 16.7260

Trichromacy



Original Color

15.3764, 11.0078, 54.7404

Protanomaly

13.3301, 10.7000, 51.8148

Deuteranomaly

11.8693, 10.6411, 42.5027

Tritanomaly

9.4268, 10.3618, 27.4898

Monochromacy



Original Color

15.3764, 11.0078, 54.7404

Achromatopsia

9.7181, 10.2242, 11.1341

Achromatomaly

10.7699, 10.0344, 22.1381

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3764, 11.0078, 54.7404 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(67, 80, 198)` looks like.

```
.text, #text, p{  
    color:rgb(67, 80, 198)  
}
```

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(67, 80, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 80, 198) }
```

Border

The CSS property to change the border of an element to XYZ 15.3764, 11.0078, 54.7404 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(67, 80, 198) }
```


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

```
.border{ border-color:rgb(67, 80, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 80, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 80, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 80, 198);  
box-shadow:4px 4px 4px 4px rgb(67, 80,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3764, 11.0078, 54.7404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 80, 198) }
```

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

```
.background{ background-color: rgb(67, 80,  
198) }
```

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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