

Converting Colors

XYZ(15.1312, 15.9774, 26.5508)

Have a look what the booklet for
XYZ(15.1312, 15.9774, 26.5508)
contains.

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Color

**XYZ(15.1814, 16.0540,
26.7247)**

Conversions

Conversions Part 1

Format	Color
Hex	5E718B
RGB	94, 113, 139
RGB Percent	37%, 44%, 55%
CMY	0.6314, 0.5569, 0.4549
CMYK	0.32, 0.19, 0.00, 0.45
HSL	215°, 19%, 46%
HSV	215°, 32%, 55%
XYZ	15.1814, 16.0540, 26.7247
YIQ	110.2830, -19.6700, 4.0580

Conversions

Conversions Part 2

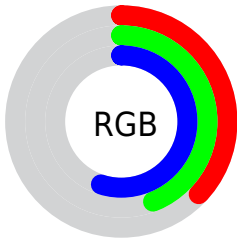
Format	Color
R _Y B	94, 107, 139
Decimal	6189451
CIE Lab	47.05, -0.46, -16.52
CIE LCh	47, 16.530, 268.404
Yxy	16.0540, 0.2619, 0.2770
Android (android.graphics.Color)	4284379531 (0xFF5E718B)
YUV	110.2830, 14.1575, -14.2802
Hunter-Lab	40.0674, -2.4851, -11.4988

Details

The XYZ color **15.1814, 16.0540, 26.7247** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.3846, 19.7303, 13.3768**, and the grayscale version is **14.8673, 15.6416, 17.0337**.

A 20% lighter version of the original color is **34.9348, 36.8715, 55.7277**, and **4.8202, 5.0827, 10.1782** is the 20% darker color. If you saturate the color by 10%, you get **13.0258, 13.6713, 26.3787**, and if you desaturate by 10%, it is **17.6741, 18.7289, 27.1099**.

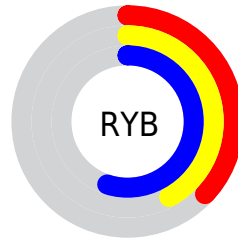
Distribution



 Red (37%)

 Green (44%)

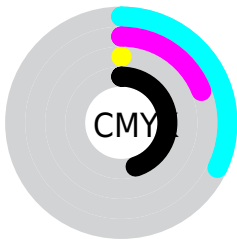
 Blue (55%)



 Red (37%)

 Yellow (42%)

 Blue (55%)

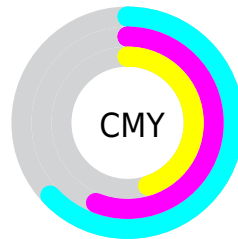


 Cyan (32%)


 Magenta (19%)

 Yellow (0%)

 Black (45%)



 Cyan (63%)

 Magenta (56%)

 Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1814, 16.0540, 26.7247 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 15.1814, 16.0540, 26.7247 by changing the saturation by 10% instead.

■ 15.1814, 16.0540,
26.7247

■ 15.1814, 16.0540,
26.7247

217.8282,
229.6601, 300.0396

■ 9.0339, 9.5624,
17.1360

■ 34.7401, 36.6919,
55.4401

■ 4.8206, 5.1098,
10.1685

■ 48.8821, 51.6070,
75.4039

■ 2.1761, 2.3118,
5.4038

■ 66.4197, 70.0987,
99.6631

■ 0.7301, 0.7800,
2.4232

■ 87.7182, 92.5514,
128.6363

■ 0.0000, 0.0000,
0.7990

113.1429,
119.3495, 162.7420

■ 0.0000, 0.0000,
0.0000

143.0592,

150.8774, 202.3988

177.8326,
187.5195, 248.0251

■ 15.1814, 16.0540,
26.7247

■ 15.1814, 16.0540,
26.7247

■ 13.0258, 13.6713,
26.3787

■ 17.6741, 18.7289,
27.1099

■ 11.1898, 11.5678,
26.0694

■ 20.5170, 21.7046,
27.5344

■ 9.6569, 9.7319,
25.7959

■ 23.7244, 24.9917,
27.9999

■ 8.4079, 8.1507,
25.5565

■ 27.3095, 28.5997,
28.5073

■ 7.4215, 6.8096,
25.3496

■ 31.2845, 32.5376,
29.0579

■ 6.6728, 5.6922,
25.1734

■ 35.6612, 36.8139,
29.6526

■ 6.2084, 4.9604,
25.0566

■ 40.4509, 41.4370,
30.2925

■ 45.6644, 46.4150,
30.9786

■ 51.3122, 51.7554,
31.7117

Harmonies

Analogous

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



13.8460, 16.0540, 25.1903



15.1814, 16.0540, 26.7247



16.6221, 16.0540, 25.4748

Triad

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



15.1814, 16.0540, 26.7247



17.8415, 16.0540, 13.9545



13.0079, 16.0540, 13.6260

Complementary

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



15.1814, 16.0540, 26.7247



19.3846, 19.7303, 13.3768

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.



13.9723, 16.0540, 11.3619



15.1814, 16.0540, 26.7247



16.7647, 16.0540, 11.5295

Square

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



15.1814, 16.0540, 26.7247



18.2149, 16.0540, 17.7032



15.3366, 16.0540, 10.6590



12.6412, 16.0540, 17.2588

Rectangle

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



15.1814, 16.0540, 26.7247



17.4374, 16.0540, 23.3267



15.3366, 16.0540, 10.6590



13.2698, 16.0540, 12.7024

Sweetspot

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



15.1819, 16.0546, 26.7251



37.9241, 40.0900, 49.4823



17.2090, 22.1892, 20.9869



8.5808, 9.0748, 11.3788



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.



15.1819, 16.0546, 26.7251



24.2463, 25.5123, 47.3894



13.5931, 12.4113, 26.1056



4.9369, 5.2167, 6.3526



5.6197, 4.5097, 22.6200



0.0513, 0.0579, 0.1549

Inverse Universe

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



17.6312, 14.6871, 17.5291



29.4438, 22.9779, 27.7928



21.4067, 24.5080, 14.1924



5.1148, 5.0813, 5.6928



10.3234, 5.2395, 4.2072



0.0756, 0.0376, 0.0651

Previews

White Background



This preview shows how the XYZ color 15.1814, 16.0540, 26.7247 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 15.1814, 16.0540, 26.7247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

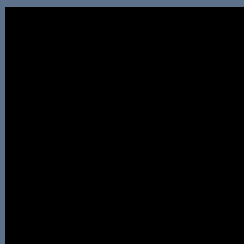
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

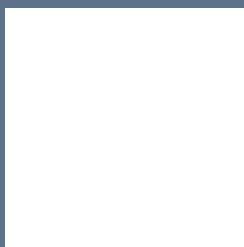
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.1814, 16.0540, 26.7247

Background



This preview shows how black text looks on a background with the XYZ color 15.1814, 16.0540, 26.7247.



This preview shows how white text looks on a background with the XYZ color 15.1814, 16.0540,

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

15.1814, 16.0540, 26.7247

Protanopia

15.9170, 15.9613, 25.9088

Deuteranopia

16.2657, 15.9565, 27.0336



Tritanopia

14.1468, 15.9663, 21.7382

Trichromacy



Original Color

15.1814, 16.0540, 26.7247

Protanomaly

15.6387, 15.9706, 26.3031

Deuteranomaly

15.7890, 15.8701, 27.0420

Tritanomaly

14.4602, 15.9216, 23.4301

Monochromacy



Original Color

15.1814, 16.0540, 26.7247

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.8445, 15.6924, 20.3357

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1814, 16.0540, 26.7247 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(94, 113, 139)` looks like.

```
.text, #text, p{  
    color:rgb(94, 113, 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(94, 113, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 113, 139) }
```

Border

The CSS property to change the border of an element to XYZ 15.1814, 16.0540, 26.7247 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(94, 113, 139) }
```


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

```
.border{ border-color:rgb(94, 113, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 113, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 113, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 113, 139);  
box-shadow:4px 4px 4px 4px rgb(94, 113,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1814, 16.0540, 26.7247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 113, 139) }
```

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

```
.background{ background-color: rgb(94, 113,  
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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