

Converting Colors

XYZ(14.6775, 15.4387, 26.7805)

Have a look what the booklet for
XYZ(14.6775, 15.4387, 26.7805)
contains.

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Color

**XYZ(14.6590, 15.4571,
26.6370)**

Conversions

Conversions Part 1

Format	Color
Hex	5B6F8B
RGB	91, 111, 139
RGB Percent	36%, 44%, 55%
CMY	0.6431, 0.5647, 0.4549
CMYK	0.35, 0.20, 0.00, 0.45
HSL	215°, 21%, 45%
HSV	215°, 35%, 55%
XYZ	14.6590, 15.4571, 26.6370
YIQ	108.2120, -20.9080, 4.4680

Conversions

Conversions Part 2

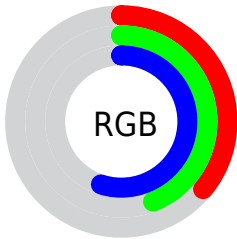
Format	Color
R _Y B	91, 105, 139
Decimal	5992331
CIE Lab	46.25, -0.20, -17.75
CIE LCh	46, 17.752, 269.361
Yxy	15.4571, 0.2583, 0.2724
Android (android.graphics.Color)	4284182411 (0xFF5B6F8B)
YUV	108.2120, 15.1785, -15.0949
Hunter-Lab	39.3155, -2.2475, -12.6492

Details

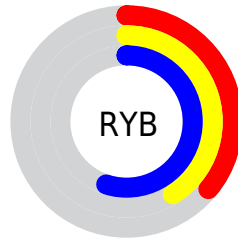
The XYZ color **14.6590, 15.4571, 26.6370** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **19.1329, 19.4381, 12.6415**, and the grayscale version is **14.2767, 15.0202, 16.3570**.

A 20% lighter version of the original color is **33.8782, 35.7954, 55.5757**, and **4.5914, 4.8803, 10.1512** is the 20% darker color. If you saturate the color by 10%, you get **12.5688, 13.1256, 26.2974**, and if you desaturate by 10%, it is **17.0844, 18.0814, 27.0160**.

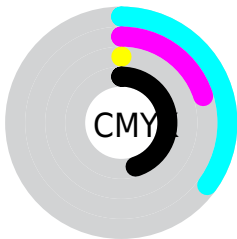
Distribution



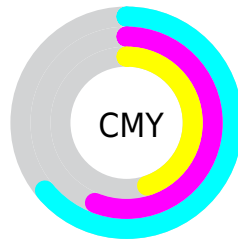
- Red (36%)
- Green (44%)
- Blue (55%)



- Red (36%)
- Yellow (41%)
- Blue (55%)



- Cyan (35%)
- Magenta (20%)
- Yellow (0%)
- Black (45%)



- Cyan (64%)
- Magenta (56%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6590, 15.4571, 26.6370 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 14.6590, 15.4571, 26.6370 by changing the saturation by 10% instead.

■ 14.6590, 15.4571,
26.6370

■ 14.6590, 15.4571,
26.6370

214.7224,
226.1165, 299.5996

■ 8.6652, 9.1408,
17.0708

■ 33.8304, 35.6531,
55.2975

■ 4.5788, 4.8331,
10.1225

■ 47.7388, 50.3016,
75.2288

■ 2.0345, 2.1497,
5.3736

■ 65.0159, 68.4963,
99.4522

■ 0.6532, 0.6924,
2.4055

■ 86.0274, 90.6216,
128.3862

■ 0.0000, 0.0000,
0.7895

111.1384,
117.0618, 162.4494

■ 0.0000, 0.0000,
0.0000

140.7143,

148.2015, 202.0604

175.1205,
184.4249, 247.6376

■ 14.6590, 15.4571,
26.6370

■ 14.6590, 15.4571,
26.6370

■ 12.5688, 13.1256,
26.2974

■ 17.0844, 18.0814,
27.0160

■ 10.7960, 11.0734,
25.9947

■ 19.8585, 21.0073,
27.4345

■ 9.3236, 9.2889,
25.7279

■ 22.9958, 24.2457,
27.8942

■ 8.1321, 7.7586,
25.4953

■ 26.5095, 27.8061,
28.3963

■ 7.1994, 6.4674,
25.2952

■ 30.4122, 31.6979,
28.9418

■ 6.4973, 5.3970,
25.1256

■ 34.7160, 35.9298,
29.5318

■ 6.1692, 4.8821,
25.0435

■ 39.4321, 40.5103,
30.1673

■ 44.5715, 45.4476,
30.8494

■ 50.1448, 50.7494,
31.5791

Harmonies

Analogous

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



13.2551, 15.4571, 25.0856



14.6590, 15.4571, 26.6370



16.1680, 15.4571, 25.2074

Triad

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



14.6590, 15.4571, 26.6370



17.3820, 15.4571, 13.0589



12.3229, 15.4571, 12.9231

Complementary

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



14.6590, 15.4571, 26.6370



19.1329, 19.4381, 12.6415

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.



13.3078, 15.4571, 10.5510



14.6590, 15.4571, 26.6370



16.2281, 15.4571, 10.6194

Square

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



14.6590, 15.4571, 26.6370



17.8042, 15.4571, 16.9235



14.7241, 15.4571, 9.7850



11.9646, 15.4571, 16.7372

Rectangle

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



14.6590, 15.4571, 26.6370



17.0170, 15.4571, 22.8756



14.7241, 15.4571, 9.7850



12.5882, 15.4571, 11.9564

Sweetspot

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



14.6595, 15.4577, 26.6374



37.9052, 40.0521, 49.4760



16.8293, 22.0025, 20.5622



8.5759, 9.0651, 11.3772



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.



14.6595, 15.4577, 26.6374



23.4400, 24.5582, 47.2478



13.0383, 11.7370, 26.0046



4.9347, 5.2124, 6.3518



5.5843, 4.4388, 22.6081



0.0510, 0.0573, 0.1548

Inverse Universe

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



17.2582, 14.1193, 16.8552



28.8761, 22.1353, 26.7006



21.2421, 24.4384, 13.4954



5.1137, 5.0809, 5.6870



10.3055, 5.2323, 4.1130



0.0755, 0.0376, 0.0643

Previews

White Background



This preview shows how the XYZ color 14.6590, 15.4571, 26.6370 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 14.6590, 15.4571, 26.6370 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

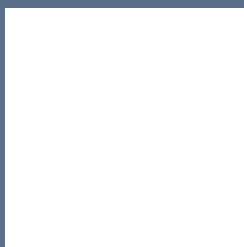
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.6590, 15.4571, 26.6370

Background



This preview shows how black text looks on a background with the XYZ color 14.6590, 15.4571, 26.6370.

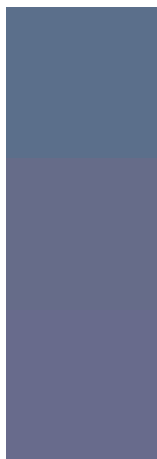


This preview shows how white text looks on a background with the XYZ color 14.6590, 15.4571,

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

14.6590, 15.4571, 26.6370

Protanopia

15.3574, 15.3560, 25.8215

Deuteranopia

15.7002, 15.3519, 26.9467



Tritanopia

13.5229, 15.4909, 21.0162

Trichromacy



Original Color

14.6590, 15.4571, 26.6370

Protanomaly

15.0931, 15.3689, 26.2158

Deuteranomaly

15.2418, 15.2712, 26.9553

Tritanomaly

13.8921, 15.4699, 23.0227

Monochromacy



Original Color

14.6590, 15.4571, 26.6370

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.2779, 15.0940, 19.6137

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6590, 15.4571, 26.6370 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(91, 111, 139)` looks like.

```
.text, #text, p{  
    color:rgb(91, 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(91, 111, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 111, 139) }
```

Border

The CSS property to change the border of an element to XYZ 14.6590, 15.4571, 26.6370 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(91, 111, 139) }
```


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

```
.border{ border-color:rgb(91, 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(91, 111, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 111, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 111, 139);  
box-shadow:4px 4px 4px 4px rgb(91, 111,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6590, 15.4571, 26.6370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 111, 139) }
```

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

```
.background{ background-color: rgb(91, 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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