

Converting Colors

XYZ(14.3142, 14.8625, 26.4605)

Have a look what the booklet for
XYZ(14.3142, 14.8625, 26.4605)
contains.

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Color

**XYZ(14.3371, 14.8134,
26.5297)**

Conversions

Conversions Part 1

Format	Color
Hex	5B6C8B
RGB	91, 108, 139
RGB Percent	36%, 42%, 55%
CMY	0.6431, 0.5765, 0.4549
CMYK	0.35, 0.22, 0.00, 0.45
HSL	219°, 21%, 45%
HSV	219°, 35%, 55%
XYZ	14.3371, 14.8134, 26.5297
YIQ	106.4510, -20.0830, 6.0370

Conversions

Conversions Part 2

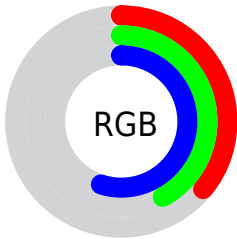
Format	Color
R_{YB}	91, 104, 139
Decimal	5991563
CIE _{Lab}	45.38, 1.60, -19.09
CIE _{LCh}	45, 19.161, 274.798
Yxy	14.8134, 0.2575, 0.2660
Android (android.graphics.Color)	4284181643 (0xFF5B6C8B)
YUV	106.4510, 16.0467, -13.5505
Hunter-Lab	38.4882, -0.8619, -13.9266

Details

The XYZ color **14.3371, 14.8134, 26.5297** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **19.4954, 20.1633, 12.7622**, and the grayscale version is **13.7850, 14.5029, 15.7937**.

A 20% lighter version of the original color is **33.1791, 34.3973, 55.3427**, and **4.4268, 4.5510, 10.0963** is the 20% darker color. If you saturate the color by 10%, you get **12.1933, 12.3747, 26.1722**, and if you desaturate by 10%, it is **16.8332, 17.5791, 26.9322**.

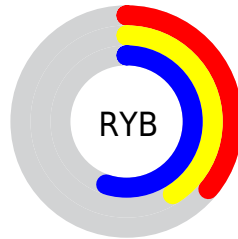
Distribution



Red (36%)

Green (42%)

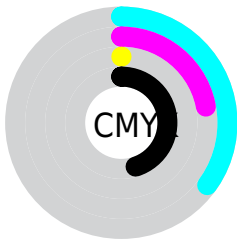
Blue (55%)



Red (36%)

Yellow (41%)

Blue (55%)

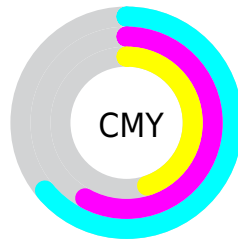


Cyan (35%)

Magenta (22%)

Yellow (0%)

Black (45%)



Cyan (64%)

Magenta (58%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3371, 14.8134, 26.5297 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 14.3371, 14.8134, 26.5297 by changing the saturation by 10% instead.

■ 14.3371, 14.8134,
26.5297

■ 14.3371, 14.8134,
26.5297

212.7869,
222.2340, 299.0605

■ 8.4388, 8.6885,
16.9910

■ 33.2673, 34.5255,
55.1228

■ 4.4311, 4.5386,
10.0662

■ 47.0298, 48.8815,
75.0143

■ 1.9488, 1.9792,
5.3367

■ 64.1445, 66.7500,
99.1938

■ 0.6050, 0.5953,
2.3840

■ 84.9766, 88.5154,
128.0799

■ 0.0000, 0.0000,
0.7777

109.8915,
114.5622, 162.0910

■ 0.0000, 0.0000,
0.0000

139.2547,

145.2746, 201.6458

173.4313,
181.0370, 247.1628

■ 14.3371, 14.8134,
26.5297

■ 14.3371, 14.8134,
26.5297

■ 12.1933, 12.3747,
26.1722

■ 16.8332, 17.5791,
26.9322

■ 10.3833, 10.2481,
25.8572

■ 19.6960, 20.6824,
27.3804

■ 8.8893, 8.4202,
25.5831

■ 22.9406, 24.1355,
27.8759

■ 7.6906, 6.8756,
25.3481

■ 26.5810, 27.9494,
28.4201

■ 6.7643, 5.5973,
25.1502

■ 30.6305, 32.1346,
29.0145

■ 6.0812, 4.5648,
24.9869

■ 35.1016, 36.7012,
29.6603

■ 5.7684, 4.0803,
24.9099

■ 40.0062, 41.6589,
30.3588

■ 45.3561, 47.0170,
31.1110

■ 51.1622, 52.7845,
31.9182

Harmonies

Analogous

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



12.8168, 14.8134, 25.4261



14.3371, 14.8134, 26.5297



15.8986, 14.8134, 24.4464

Triad

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



14.3371, 14.8134, 26.5297



16.7441, 14.8134, 11.6283



11.4892, 14.8134, 12.6789

Complementary

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



14.3371, 14.8134, 26.5297



19.4954, 20.1633, 12.7622

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.



12.4051, 14.8134, 9.9515



14.3371, 14.8134, 26.5297



15.4229, 14.8134, 9.4298

Square

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



14.3371, 14.8134, 26.5297



17.3534, 14.8134, 15.4076



13.8254, 14.8134, 8.8793



11.2460, 14.8134, 16.8732

Rectangle

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



14.3371, 14.8134, 26.5297



16.7302, 14.8134, 21.7253



13.8254, 14.8134, 8.8793



11.7250, 14.8134, 11.5876

Sweetspot

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



14.3376, 14.8140, 26.5300



37.6932, 39.6282, 49.4053



17.0230, 22.0800, 21.5830



8.5217, 8.9567, 11.3591



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.



14.3376, 14.8140, 26.5300



22.7902, 23.2586, 47.0311



13.3741, 11.9100, 26.0203



4.9102, 5.1633, 6.3437



5.2212, 3.7128, 22.4871



0.0475, 0.0504, 0.1537

Inverse Universe

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



17.0957, 14.0542, 15.9998



28.5481, 22.0041, 24.9734



20.7310, 24.1749, 13.4714



5.1013, 5.0760, 5.6218



10.1222, 5.1590, 3.1481



0.0737, 0.0369, 0.0551

Previews

White Background



This preview shows how the XYZ color 14.3371, 14.8134, 26.5297 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 14.3371, 14.8134, 26.5297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

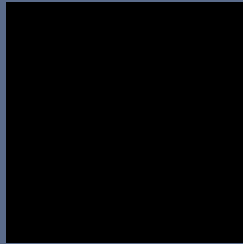
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

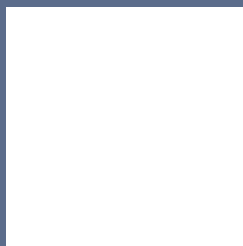
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.3371, 14.8134, 26.5297

Background



This preview shows how black text looks on a background with the XYZ color 14.3371, 14.8134, 26.5297.

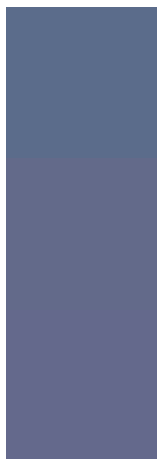


This preview shows how white text looks on a background with the XYZ color 14.3371, 14.8134,

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

14.3371, 14.8134, 26.5297

Protanopia

14.8871, 14.7957, 26.1160

Deuteranopia

15.0407, 14.7059, 26.8567



Tritanopia

13.0051, 14.7512, 19.9311

Trichromacy



Original Color

14.3371, 14.8134, 26.5297

Protanomaly

14.6690, 14.8372, 26.1355

Deuteranomaly

14.8174, 14.7429, 26.8756

Tritanomaly

13.4312, 14.7589, 22.2195

Monochromacy



Original Color

14.3371, 14.8134, 26.5297

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

13.8945, 14.5901, 19.2234

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3371, 14.8134, 26.5297 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, 108, 139)` looks like.

```
.text, #text, p{  
    color:rgb(91, 108, 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, 108, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 108, 139) }
```

Border

The CSS property to change the border of an element to XYZ 14.3371, 14.8134, 26.5297 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, 108, 139) }
```


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

```
.border{ border-color:rgb(91, 108, 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, 108, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 108, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 108, 139);  
box-shadow:4px 4px 4px 4px rgb(91, 108,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3371, 14.8134, 26.5297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 108, 139) }
```

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

```
.background{ background-color: rgb(91, 108,  
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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