

Converting Colors

XYZ(14.6663, 17.2698, 25.5375)

Have a look what the booklet for
XYZ(14.6663, 17.2698, 25.5375)
contains.

XYZ(14.6039, 17.1733, 25.4668)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.6039, 17.1733,
25.4668)**

Conversions

Conversions Part 1

Format	Color
Hex	517987
RGB	81, 121, 135
RGB Percent	32%, 47%, 53%
CMY	0.6823, 0.5255, 0.4706
CMYK	0.40, 0.10, 0.00, 0.47
HSL	196°, 25%, 42%
HSV	196°, 40%, 53%
XYZ	14.6039, 17.1733, 25.4668
YIQ	110.6360, -28.3340, -4.1260

Conversions

Conversions Part 2

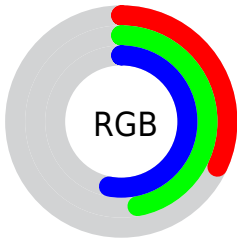
Format	Color
R_{YB}	81, 104, 135
Decimal	5339527
CIE _{Lab}	48.48, -10.12, -12.06
CIE _{LCh}	48, 15.741, 229.995
Yxy	17.1733, 0.2551, 0.3000
Android (android.graphics.Color)	4283529607 (0xFF517987)
YUV	110.6360, 12.0115, -25.9908
Hunter-Lab	41.4407, -9.6169, -7.4274

Details

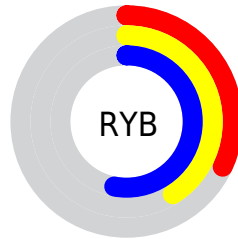
The XYZ color **14.6039, 17.1733, 25.4668** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **15.5695, 13.9298, 9.6533**, and the grayscale version is **14.9768, 15.7567, 17.1591**.

A 20% lighter version of the original color is **33.6935, 38.5045, 53.2332**, and **4.5221, 5.5819, 9.4334** is the 20% darker color. If you saturate the color by 10%, you get **13.1425, 15.8003, 25.2791**, and if you desaturate by 10%, it is **16.3118, 18.6971, 25.6712**.

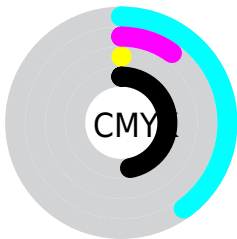
Distribution



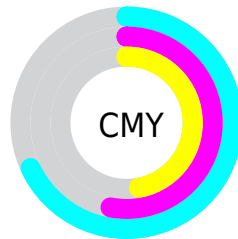
- Red (32%)
- Green (47%)
- Blue (53%)



- Red (32%)
- Yellow (41%)
- Blue (53%)



- Cyan (40%)
- Magenta (10%)
- Yellow (0%)
- Black (47%)



- Cyan (68%)
- Magenta (53%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6039, 17.1733, 25.4668 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 14.6039, 17.1733, 25.4668 by changing the saturation by 10% instead.

■ 14.6039, 17.1733,
25.4668

■ 14.6039, 17.1733,
25.4668

214.3923,
236.1691, 293.6765

■ 8.6264, 10.3581,
16.2030

■ 33.7342, 38.6235,
53.3870

■ 4.5534, 5.6370,
9.5120

■ 47.6176, 54.0273,
72.8804

■ 2.0197, 2.6257,
4.9753

■ 64.8671, 73.0628,
96.6209

■ 0.6450, 0.9396,
2.1743

■ 85.8480, 96.1143,
125.0268

■ 0.0000, 0.0000,
0.6595

■ 110.9256,
123.5664, 158.5168

■ 0.0000, 0.0000,
0.0000

140.4653,

155.8032, 197.5094

174.8324,
193.2093, 242.4231

■ 14.6039, 17.1733,
25.4668

■ 14.6039, 17.1733,
25.4668

■ 13.1425, 15.8003,
25.2791

■ 16.3118, 18.6971,
25.6712

■ 11.9123, 14.5688,
25.1062

■ 18.2773, 20.3764,
25.8918

■ 10.8983, 13.4711,
24.9478

■ 20.5129, 22.2184,
26.1295

■ 10.0832, 12.4982,
24.8030

■ 23.0296, 24.2288,
26.3849

■ 9.4471, 11.6395,
24.6708

■ 25.8378, 26.4134,
26.6585

■ 8.9307, 10.8641,
24.5483

■ 28.9474, 28.7774,
26.9509

■ 8.9306, 10.8640,
24.5483

■ 32.3678, 31.3260,
27.2626

■ 36.1080, 34.0638,
27.5939

■ 40.1766, 36.9957,
27.9454

Harmonies

Analogous

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



13.8527, 17.1733, 21.5484



14.6039, 17.1733, 25.4668



15.8456, 17.1733, 27.6624

Triad

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



14.6039, 17.1733, 25.4668



19.2092, 17.1733, 20.1130



15.3926, 17.1733, 12.1837

Complementary

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



14.6039, 17.1733, 25.4668



15.5695, 13.9298, 9.6533

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.



16.8093, 17.1733, 11.9166



14.6039, 17.1733, 25.4668



19.0702, 17.1733, 16.1122

Square

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



14.6039, 17.1733, 25.4668



18.5406, 17.1733, 24.2839



18.1713, 17.1733, 13.2506



14.2891, 17.1733, 14.0433

Rectangle

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



14.6039, 17.1733, 25.4668



16.8088, 17.1733, 27.6628



18.1713, 17.1733, 13.2506



15.8461, 17.1733, 11.9165

Sweetspot

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



14.6044, 17.1740, 25.4672



35.7818, 39.0133, 46.6928



14.1007, 19.8949, 13.8052



8.1832, 8.9504, 10.8026



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



14.6044, 17.1740, 25.4672



23.7594, 28.5112, 45.2993



11.8143, 11.5938, 24.5372



4.7022, 5.0800, 5.9335



8.2461, 10.0400, 22.6400



0.0345, 0.0466, 0.0804

Inverse Universe

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



16.3858, 12.4168, 19.6228



27.5139, 19.1261, 32.8373



18.3756, 19.5420, 10.5886



4.8077, 4.7428, 5.5997



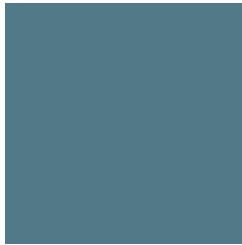
11.3404, 5.6005, 11.6306



0.0423, 0.0206, 0.0560

Previews

White Background



This preview shows how the XYZ color 14.6039, 17.1733, 25.4668 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 14.6039, 17.1733, 25.4668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

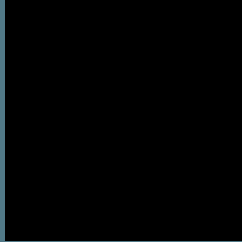
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.6039, 17.1733, 25.4668

Background



This preview shows how black text looks on a background with the XYZ color 14.6039, 17.1733, 25.4668.



This preview shows how white text looks on a background with the XYZ color 14.6039, 17.1733,

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

14.6039, 17.1733, 25.4668

Protanopia

16.7287, 17.0911, 23.5363

Deuteranopia

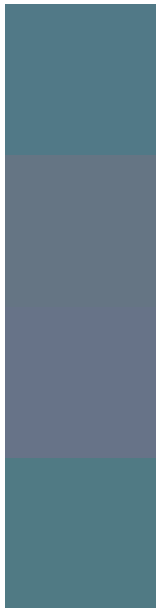
17.3798, 17.0393, 26.0398



Tritanopia

14.3645, 17.2632, 24.0478

Trichromacy



Original Color

14.6039, 17.1733, 25.4668

Protanomaly

15.8930, 17.1552, 24.3034

Deuteranomaly

16.1682, 16.9226, 25.7068

Tritanomaly

14.4327, 17.2905, 24.4065

Monochromacy



Original Color

14.6039, 17.1733, 25.4668

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.7764, 16.3269, 20.1419

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6039, 17.1733, 25.4668 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(81, 121, 135)` looks like.

```
.text, #text, p{  
    color:rgb(81, 121, 135)  
}
```

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(81, 121, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 121, 135) }
```

Border

The CSS property to change the border of an element to XYZ 14.6039, 17.1733, 25.4668 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(81, 121, 135) }
```


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

```
.border{ border-color:rgb(81, 121, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 121, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 121, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 121, 135);  
box-shadow:4px 4px 4px 4px rgb(81, 121,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6039, 17.1733, 25.4668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 121, 135) }
```

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

```
.background{ background-color: rgb(81, 121,  
135) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor