

Converting Colors

XYZ(14.4668, 14.8101, 29.6999)

Have a look what the booklet for
XYZ(14.4668, 14.8101, 29.6999)
contains.

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Color

**XYZ(14.4668, 14.8101,
29.6999)**

Conversions

Conversions Part 1

Format	Color
Hex	566C93
RGB	86, 108, 147
RGB Percent	34%, 42%, 58%
CMY	0.6627, 0.5765, 0.4235
CMYK	0.41, 0.27, 0.00, 0.42
HSL	218°, 26%, 46%
HSV	218°, 41%, 58%
XYZ	14.4668, 14.8101, 29.6999
YIQ	105.8680, -25.6310, 7.4650

Conversions

Conversions Part 2

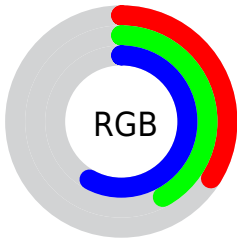
Format	Color
R _{YB}	86, 102, 147
Decimal	5663891
CIE Lab	45.37, 2.42, -23.89
CIE LCh	45, 24.013, 275.790
Yxy	14.8101, 0.2453, 0.2511
Android (android.graphics.Color)	4283853971 (0xFF566C93)
YUV	105.8680, 20.2781, -17.4242
Hunter-Lab	38.4839, -0.2454, -18.8183

Details

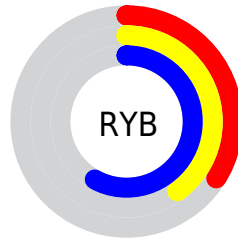
The XYZ color **14.4668, 14.8101, 29.6999** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **21.0465, 21.5429, 11.8537**, and the grayscale version is **13.6152, 14.3243, 15.5991**.

A 20% lighter version of the original color is **33.4220, 34.4166, 60.1399**, and **4.4732, 4.5393, 11.7067** is the 20% darker color. If you saturate the color by 10%, you get **12.3117, 12.3063, 29.3305**, and if you desaturate by 10%, it is **17.0082, 17.6723, 30.1187**.

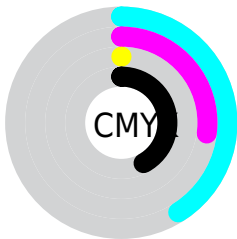
Distribution



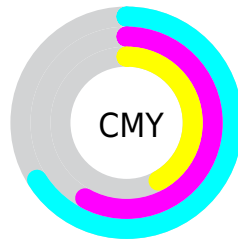
- Red (34%)
- Green (42%)
- Blue (58%)



- Red (34%)
- Yellow (40%)
- Blue (58%)



- Cyan (41%)
- Magenta (27%)
- Yellow (0%)
- Black (42%)



- Cyan (66%)
- Magenta (58%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4668, 14.8101, 29.6999 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 14.4668, 14.8101, 29.6999 by changing the saturation by 10% instead.

■ 14.4668, 14.8101,
29.6999

■ 14.4668, 14.8101,
29.6999

213.5688,
222.2139, 314.6668

■ 8.5299, 8.6862,
19.3608

■ 33.4944, 34.5197,
60.2426

■ 4.4905, 4.5371,
11.7518

■ 47.3159, 48.8742,
81.2834

■ 1.9832, 1.9783,
6.4544

■ 64.4962, 66.7410,
106.7284

■ 0.6245, 0.5948,
3.0501

■ 85.4008, 88.5046,
136.9962

■ 0.0000, 0.0000,
1.1203

■ 110.3950,
114.5492, 172.5055

■ 0.0000, 0.0000,
0.0000

139.8442,

145.2594, 213.6746

174.1136,
181.0195, 260.9222

■ 14.4668, 14.8101,
29.6999

■ 14.4668, 14.8101,
29.6999

■ 12.3117, 12.3063,
29.3305

■ 17.0082, 17.6723,
30.1187

■ 10.5207, 10.1437,
29.0074

■ 19.9533, 20.9057,
30.5876

■ 9.0719, 8.3057,
28.7290

■ 23.3203, 24.5246,
31.1086

■ 7.9396, 6.7738,
28.4930

■ 27.1257, 28.5419,
31.6835

■ 7.0945, 5.5268,
28.2969

■ 31.3851, 32.9700,
32.3137

■ 6.5403, 4.6541,
28.1576

■ 36.1134, 37.8206,
33.0007

■ 41.3248, 43.1048,
33.7460

■ 47.0327, 48.8336,
34.5510

■ 53.2502, 55.0174,
35.4168

Harmonies

Analogous

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



12.5623, 14.8101, 28.3540



14.4668, 14.8101, 29.6999



16.4395, 14.8101, 26.7711

Triad

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



14.4668, 14.8101, 29.6999



17.4207, 14.8101, 10.5197



10.8618, 14.8101, 12.0295

Complementary

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



14.4668, 14.8101, 29.6999



21.0465, 21.5429, 11.8537

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.



11.9517, 14.8101, 8.7590



14.4668, 14.8101, 29.6999



15.7078, 14.8101, 8.0422

Square

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



14.4668, 14.8101, 29.6999



18.2452, 14.8101, 15.0434



13.6934, 14.8101, 7.4836



10.5968, 14.8101, 17.2587

Rectangle

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



14.4668, 14.8101, 29.6999



17.4906, 14.8101, 23.1192



13.6934, 14.8101, 7.4836



11.1385, 14.8101, 10.7072

Sweetspot

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



14.4673, 14.8107, 29.7003



41.2826, 43.4077, 55.6373



17.9503, 24.3176, 23.0277



9.2582, 9.7321, 12.6754



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



14.4673, 14.8107, 29.7003



22.2135, 22.2340, 52.5554



13.2247, 11.1496, 29.0591



5.6605, 5.9550, 7.3208



5.6919, 4.0786, 24.4183



0.0958, 0.1022, 0.3076

Inverse Universe

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



18.0677, 13.9420, 15.9266



29.7343, 21.0210, 23.6486



22.7390, 27.0172, 12.8212



5.8821, 5.8479, 6.4852



11.0001, 5.6051, 3.4815



0.1478, 0.0739, 0.1121

Previews

White Background



This preview shows how the XYZ color 14.4668, 14.8101, 29.6999 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 14.4668, 14.8101, 29.6999 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

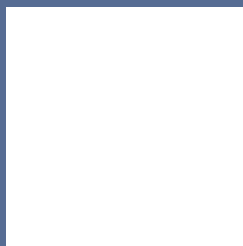
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.4668, 14.8101, 29.6999

Background



This preview shows how black text looks on a background with the XYZ color 14.4668, 14.8101, 29.6999.

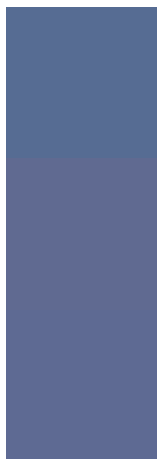


This preview shows how white text looks on a background with the XYZ color 14.4668, 14.8101,

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

14.4668, 14.8101, 29.6999

Protanopia

15.0887, 14.8392, 28.8571

Deuteranopia

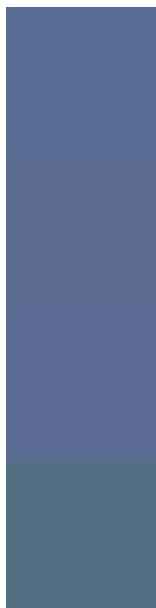
15.0366, 14.7943, 29.6668



Tritanopia

12.6424, 14.8777, 20.6177

Trichromacy



Original Color

14.4668, 14.8101, 29.6999

Protanomaly

14.8596, 14.8660, 29.2804

Deuteranomaly

14.8385, 14.8461, 29.6873

Tritanomaly

13.2608, 14.8014, 23.6308

Monochromacy



Original Color

14.4668, 14.8101, 29.6999

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

13.8545, 14.5485, 20.1671

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4668, 14.8101, 29.6999 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(86, 108, 147) looks like.

```
.text, #text, p{  
    color:rgb(86, 108, 147)  
}
```

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(86, 108, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 108, 147) }
```

Border

The CSS property to change the border of an element to XYZ 14.4668, 14.8101, 29.6999 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(86, 108, 147) }
```


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

```
.border{ border-color:rgb(86, 108, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 108, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 108, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 108, 147);  
box-shadow:4px 4px 4px 4px rgb(86, 108,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4668, 14.8101, 29.6999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 108, 147) }
```

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

```
.background{ background-color: rgb(86, 108,  
147) }
```

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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