

Converting Colors

XYZ(14.4477, 15.1439, 28.5471)

Have a look what the booklet for
XYZ(14.4477, 15.1439, 28.5471)
contains.

XYZ(14.4477, 15.1439, 28.5471)	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(14.4477, 15.1439,
28.5471)**

Conversions

Conversions Part 1

Format	Color
Hex	566E90
RGB	86, 110, 144
RGB Percent	34%, 43%, 56%
CMY	0.6627, 0.5686, 0.4353
CMYK	0.40, 0.24, 0.00, 0.44
HSL	215°, 25%, 45%
HSV	215°, 40%, 56%
XYZ	14.4477, 15.1439, 28.5471
YIQ	106.7000, -25.2180, 5.4860

Conversions

Conversions Part 2

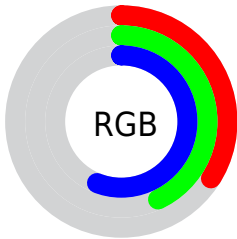
Format	Color
R _Y B	86, 103, 144
Decimal	5664400
CIE Lab	45.83, 0.33, -21.40
CIE LCh	46, 21.404, 270.889
Yxy	15.1439, 0.2485, 0.2605
Android (android.graphics.Color)	4283854480 (0xFF566E90)
YUV	106.7000, 18.3889, -18.1539
Hunter-Lab	38.9152, -1.8314, -16.2529

Details

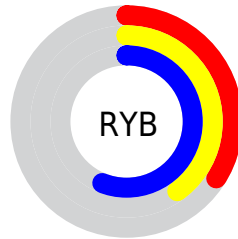
The XYZ color **14.4477, 15.1439, 28.5471** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **19.8981, 20.0344, 11.6229**, and the grayscale version is **13.8483, 14.5695, 15.8662**.

A 20% lighter version of the original color is **33.4191, 34.9702, 58.4146**, and **4.4808, 4.7204, 11.0309** is the 20% darker color. If you saturate the color by 10%, you get **12.3853, 12.7927, 28.2023**, and if you desaturate by 10%, it is **16.8650, 17.8075, 28.9341**.

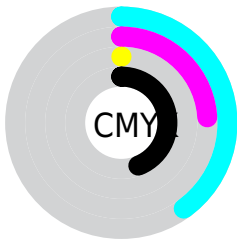
Distribution



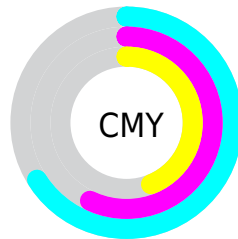
- Red (34%)
- Green (43%)
- Blue (56%)



- Red (34%)
- Yellow (40%)
- Blue (56%)



- Cyan (40%)
- Magenta (24%)
- Yellow (0%)
- Black (44%)



- Cyan (66%)
- Magenta (57%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4477, 15.1439, 28.5471 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 14.4477, 15.1439, 28.5471 by changing the saturation by 10% instead.

■ 14.4477, 15.1439,
28.5471

■ 14.4477, 15.1439,
28.5471

213.4538,
224.2356, 309.0658

■ 8.5165, 8.9204,
18.4959

■ 33.4610, 35.1054,
58.3903

■ 4.4817, 4.6893,
11.1335

■ 47.2738, 49.6123,
79.0194

■ 1.9781, 2.0662,
6.0414

■ 64.4445, 67.6491,
104.0114

■ 0.6216, 0.6455,
2.8011

■ 85.3384, 89.6001,
133.7850

■ 0.0000, 0.0000,
0.9940

■ 110.3209,
115.8499, 168.7587

■ 0.0000, 0.0000,
0.0000

139.7575,

146.7829, 209.3511

174.0133,
182.7833, 255.9806

■ 14.4477, 15.1439,
28.5471

■ 14.4477, 15.1439,
28.5471

■ 12.3853, 12.7927,
28.2023

■ 16.8650, 17.8075,
28.9341

■ 10.6578, 10.7391,
27.8969

■ 19.6529, 20.7941,
29.3636

■ 9.2453, 8.9694,
27.6298

■ 22.8277, 24.1157,
29.8374

■ 8.1248, 7.4678,
27.3990

■ 26.4044, 27.7833,
30.3568

■ 7.2700, 6.2166,
27.2025

■ 30.3973, 31.8073,
30.9231

■ 6.6284, 5.2023,
27.0406

■ 34.8196, 36.1975,
31.5374

■ 39.6843, 40.9635,
32.2009

■ 45.0036, 46.1144,
32.9148

■ 50.7892, 51.6590,
33.6801

Harmonies

Analogous

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



12.7717, 15.1439, 26.7778



14.4477, 15.1439, 28.5471



16.2486, 15.1439, 26.5654

Triad

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



14.4477, 15.1439, 28.5471



17.5798, 15.1439, 11.8978



11.5715, 15.1439, 12.1138

Complementary

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



14.4477, 15.1439, 28.5471



19.8981, 20.0344, 11.6229

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.



12.6858, 15.1439, 9.3500



14.4477, 15.1439, 28.5471



16.1478, 15.1439, 9.2449

Square

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



14.4477, 15.1439, 28.5471



18.1473, 15.1439, 16.3355



14.3401, 15.1439, 8.4185



11.1972, 15.1439, 16.6437

Rectangle

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



14.4477, 15.1439, 28.5471



17.2559, 15.1439, 23.5816



14.3401, 15.1439, 8.4185



11.8671, 15.1439, 10.9838

Sweetspot

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



14.4482, 15.1445, 28.5475



39.1042, 41.3325, 52.4550



17.1915, 23.2773, 21.3036



8.8180, 9.3229, 12.0070



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



14.4482, 15.1445, 28.5475



22.2807, 23.0690, 49.8165



12.6603, 10.8854, 27.8196



5.3014, 5.5987, 6.8300



5.7943, 4.5746, 23.5547



0.0763, 0.0855, 0.2322

Inverse Universe

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



17.6443, 13.7111, 16.4690



28.8294, 20.6849, 24.9440



22.3286, 26.1220, 12.6698



5.4956, 5.4588, 6.1080



10.7278, 5.4481, 4.2180



0.1131, 0.0563, 0.0958

Previews

White Background



This preview shows how the XYZ color 14.4477, 15.1439, 28.5471 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 14.4477, 15.1439, 28.5471 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

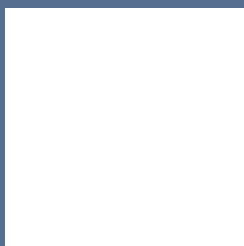
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.4477, 15.1439, 28.5471

Background



This preview shows how black text looks on a background with the XYZ color 14.4477, 15.1439, 28.5471.

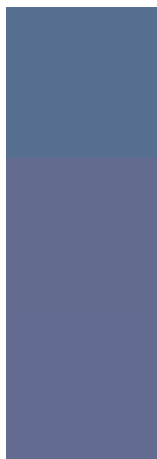


This preview shows how white text looks on a background with the XYZ color 14.4477, 15.1439,

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

14.4477, 15.1439, 28.5471

Protanopia

15.2858, 15.1210, 27.7042

Deuteranopia

15.5141, 15.2124, 28.9067



Tritanopia

12.9858, 15.2140, 20.9911

Trichromacy



Original Color

14.4477, 15.1439, 28.5471

Protanomaly

14.9366, 15.0880, 28.1116

Deuteranomaly

15.0895, 15.1491, 28.9168

Tritanomaly

13.5691, 15.2879, 23.7084

Monochromacy



Original Color

14.4477, 15.1439, 28.5471

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

13.8983, 14.7338, 19.8807

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4477, 15.1439, 28.5471 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, 110, 144) looks like.

```
.text, #text, p{  
    color:rgb(86, 110, 144)  
}
```

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, 110, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 110, 144) }
```

Border

The CSS property to change the border of an element to XYZ 14.4477, 15.1439, 28.5471 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, 110, 144) }
```


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

```
.border{ border-color:rgb(86, 110, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 110, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 110, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 110, 144);  
box-shadow:4px 4px 4px 4px rgb(86, 110,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4477, 15.1439, 28.5471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 110, 144) }
```

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

```
.background{ background-color: rgb(86, 110,  
144) }
```

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