

Converting Colors

XYZ(14.2572, 14.5934, 28.9474)

Have a look what the booklet for
XYZ(14.2572, 14.5934, 28.9474)
contains.

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Color

**XYZ(14.2063, 14.5382,
28.8455)**

Conversions

Conversions Part 1

Format	Color
Hex	566B91
RGB	86, 107, 145
RGB Percent	34%, 42%, 57%
CMY	0.6627, 0.5804, 0.4314
CMYK	0.41, 0.26, 0.00, 0.43
HSL	219°, 26%, 45%
HSV	219°, 41%, 57%
XYZ	14.2063, 14.5382, 28.8455
YIQ	105.0530, -24.7140, 7.3660

Conversions

Conversions Part 2

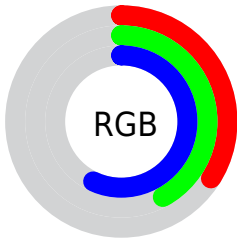
Format	Color
R _Y B	86, 101, 145
Decimal	5663633
CIE Lab	45.00, 2.44, -23.29
CIE LCh	45, 23.414, 275.980
Yxy	14.5382, 0.2467, 0.2524
Android (android.graphics.Color)	4283853713 (0xFF566B91)
YUV	105.0530, 19.6939, -16.7095
Hunter-Lab	38.1290, -0.2193, -18.1640

Details

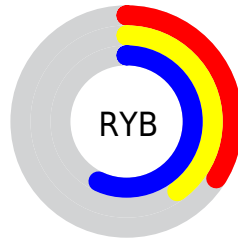
The XYZ color **14.2063, 14.5382, 28.8455** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **20.5648, 21.1073, 11.7949**, and the grayscale version is **13.3952, 14.0928, 15.3470**.

A 20% lighter version of the original color is **33.0169, 33.9805, 58.8515**, and **4.3638, 4.4149, 11.2118** is the 20% darker color. If you saturate the color by 10%, you get **12.0827, 12.0755, 28.4823**, and if you desaturate by 10%, it is **16.7070, 17.3520, 29.2571**.

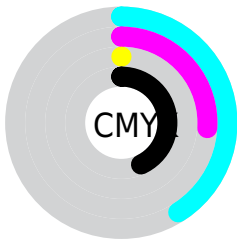
Distribution



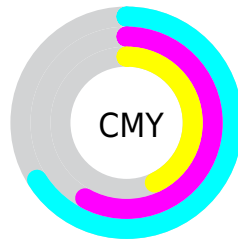
- Red (34%)
- Green (42%)
- Blue (57%)



- Red (34%)
- Yellow (40%)
- Blue (57%)



- Cyan (41%)
- Magenta (26%)
- Yellow (0%)
- Black (43%)



- Cyan (66%)
- Magenta (58%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2063, 14.5382, 28.8455 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 14.2063, 14.5382, 28.8455 by changing the saturation by 10% instead.

■ 14.2063, 14.5382,
28.8455

■ 14.2063, 14.5382,
28.8455

211.9955,
220.5538, 310.5234

■ 8.3470, 8.4959,
18.7194

■ 33.0378, 34.0410,
58.8708

■ 4.3714, 4.4139,
11.2929

■ 46.7408, 48.2703,
79.6070

■ 1.9143, 1.9077,
6.1476

■ 63.7889, 65.9974,
104.7171

■ 0.5851, 0.5530,
2.8648

■ 84.5476, 87.6067,
134.6195

■ 0.0000, 0.0000,
1.0260

■ 109.3823,
113.4826, 169.7328

■ 0.0000, 0.0000,
0.0000

138.6583,

144.0095, 210.4755

172.7409,
179.5717, 257.2662

■ 14.2063, 14.5382,
28.8455

■ 14.2063, 14.5382,
28.8455

■ 12.0827, 12.0755,
28.4823

■ 16.7070, 17.3520,
29.2571

■ 10.3148, 9.9471,
28.1647

■ 19.6015, 20.5294,
29.7178

■ 8.8813, 8.1371,
27.8909

■ 22.9073, 24.0842,
30.2297

■ 7.7579, 6.6275,
27.6587

■ 26.6405, 28.0290,
30.7944

■ 6.9164, 5.3978,
27.4657

■ 30.8162, 32.3758,
31.4133

■ 6.3216, 4.4658,
27.3172

■ 35.4487, 37.1361,
32.0880

■ 40.5517, 42.3206,
32.8198

■ 46.1382, 47.9401,
33.6100

■ 52.2210, 54.0047,
34.4600

Harmonies

Analogous

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



12.3692, 14.5382, 27.5842



14.2063, 14.5382, 28.8455



16.1025, 14.5382, 26.0197

Triad

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



14.2063, 14.5382, 28.8455



17.0261, 14.5382, 10.3950



10.7129, 14.5382, 11.9040

Complementary

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



14.2063, 14.5382, 28.8455



20.5648, 21.1073, 11.7949

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.



11.7607, 14.5382, 8.7226



14.2063, 14.5382, 28.8455



15.3760, 14.5382, 8.0030

Square

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



14.2063, 14.5382, 28.8455



17.8247, 14.5382, 14.7535



13.4371, 14.5382, 7.4707



10.4620, 14.5382, 16.9568

Rectangle

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



14.2063, 14.5382, 28.8455



17.1095, 14.5382, 22.5126



13.4371, 14.5382, 7.4707



10.9785, 14.5382, 10.6204

Sweetspot

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



14.2068, 14.5388, 28.8458



40.0488, 42.0910, 53.9871



17.5617, 23.6689, 22.5029



8.7568, 9.2005, 11.9865



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.



14.2068, 14.5388, 28.8458



21.8714, 21.9003, 51.0480



13.0415, 11.0731, 28.2383



5.2769, 5.5495, 6.8218



5.4450, 3.8760, 23.4382



0.0715, 0.0759, 0.2306

Inverse Universe

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



17.6591, 13.7374, 15.6314



29.0887, 20.7785, 23.2980



22.1439, 26.2527, 12.7048



5.4832, 5.4538, 6.0427



10.5515, 5.3776, 3.2895



0.1107, 0.0553, 0.0830

Previews

White Background



This preview shows how the XYZ color 14.2063, 14.5382, 28.8455 looks on a white background.

Color Contrast Check

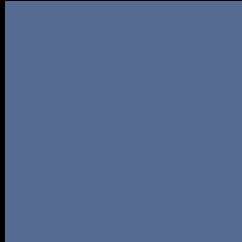
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.2063, 14.5382, 28.8455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

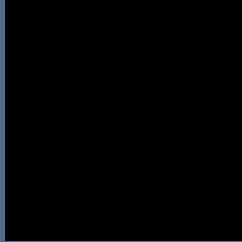
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.2063, 14.5382, 28.8455

Background



This preview shows how black text looks on a background with the XYZ color 14.2063, 14.5382, 28.8455.

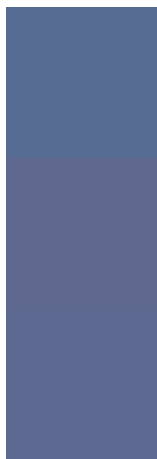


This preview shows how white text looks on a background with the XYZ color 14.2063, 14.5382,

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

14.2063, 14.5382, 28.8455

Protanopia

14.7288, 14.5192, 28.0128

Deuteranopia

14.7785, 14.5272, 28.8132



Tritanopia

12.5536, 14.6743, 20.2599

Trichromacy



Original Color

14.2063, 14.5382, 28.8455

Protanomaly

14.6017, 14.5970, 28.4335

Deuteranomaly

14.5793, 14.5765, 28.8332

Tritanomaly

13.0849, 14.5574, 23.2393

Monochromacy



Original Color

14.2063, 14.5382, 28.8455

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.5812, 14.2608, 19.8061

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2063, 14.5382, 28.8455 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, 107, 145) looks like.

```
.text, #text, p{  
    color:rgb(86, 107, 145)  
}
```

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, 107, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 107, 145) }
```

Border

The CSS property to change the border of an element to XYZ 14.2063, 14.5382, 28.8455 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, 107, 145) }
```


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

```
.border{ border-color:rgb(86, 107, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 107, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 107, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 107, 145);  
box-shadow:4px 4px 4px 4px rgb(86, 107,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2063, 14.5382, 28.8455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 107, 145) }
```

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

```
.background{ background-color: rgb(86, 107,  
145) }
```

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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