

Converting Colors

XYZ(14.9415, 14.3598, 28.9145)

Have a look what the booklet for
XYZ(14.9415, 14.3598, 28.9145)
contains.

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Color

**XYZ(14.8908, 14.2862,
28.7607)**

Conversions

Conversions Part 1

Format	Color
Hex	616791
RGB	97, 103, 145
RGB Percent	38%, 40%, 57%
CMY	0.6196, 0.5961, 0.4314
CMYK	0.33, 0.29, 0.00, 0.43
HSL	232°, 20%, 47%
HSV	232°, 33%, 57%
XYZ	14.8908, 14.2862, 28.7607
YIQ	105.9940, -17.0580, 11.7900

Conversions

Conversions Part 2

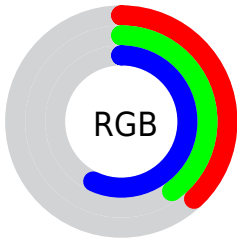
Format	Color
R _Y B	97, 102, 145
Decimal	6383505
CIE Lab	44.64, 8.16, -23.77
CIE LCh	45, 25.134, 288.950
Yxy	14.2862, 0.2570, 0.2466
Android (android.graphics.Color)	4284573585 (0xFF616791)
YUV	105.9940, 19.2300, -7.8877
Hunter-Lab	37.7971, 4.1782, -18.6572

Details

The XYZ color **14.8908, 14.2862, 28.7607** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **23.0675, 25.3482, 14.9866**, and the grayscale version is **13.6507, 14.3616, 15.6397**.

A 20% lighter version of the original color is **34.2588, 33.6243, 58.7173**, and **4.6535, 4.2649, 11.1676** is the 20% darker color. If you saturate the color by 10%, you get **12.3171, 11.2263, 28.3060**, and if you desaturate by 10%, it is **17.9394, 17.8758, 29.2931**.

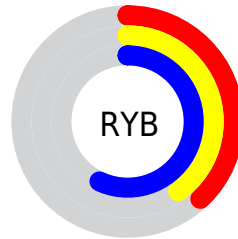
Distribution



Red (38%)

Green (40%)

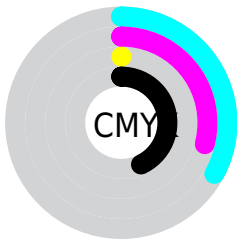
Blue (57%)



Red (38%)

Yellow (40%)

Blue (57%)

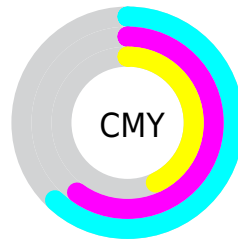


Cyan (33%)

Magenta (29%)

Yellow (0%)

Black (43%)



Cyan (62%)

Magenta (60%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8908, 14.2862, 28.7607 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 14.8908, 14.2862, 28.7607 by changing the saturation by 10% instead.

■ 14.8908, 14.2862,
28.7607

■ 14.8908, 14.2862,
28.7607

216.1058,
219.0041, 310.1097

■ 8.8286, 8.3200,
18.6558

■ 34.2347, 33.5960,
58.7343

■ 4.6858, 4.3004,
11.2476

■ 48.2472, 47.7084,
79.4401

■ 2.0969, 1.8430,
6.1174

■ 65.6404, 65.3049,
104.5167

■ 0.6876, 0.5137,
2.8466

■ 86.7798, 86.7700,
134.3826

■ 0.0000, 0.0000,
1.0169

112.0306,
112.4881, 169.4563

■ 0.0000, 0.0000,
0.0000

141.7584,

142.8436, 210.1563

176.3283,
178.2207, 256.9013

■ 14.8908, 14.2862,
28.7607

■ 14.8908, 14.2862,
28.7607

■ 12.3171, 11.2263,
28.3060

■ 17.9394, 17.8758,
29.2931

■ 10.1929, 8.6693,
27.9244

■ 21.4838, 22.0170,
29.9057

■ 8.4924, 6.5886,
27.6124

■ 25.5452, 26.7322,
30.6017

■ 7.1869, 4.9543,
27.3658

■ 30.1435, 32.0424,
31.3843

■ 6.2438, 3.7332,
27.1798

■ 35.2971, 37.9673,
32.2563

■ 5.6252, 2.8872,
27.0491

■ 41.0240, 44.5259,
33.2204

■ 5.3292, 2.4811,
26.9863

■ 47.3409, 51.7360,
34.2792

■ 54.2643, 59.6152,
35.4351

■ 61.8096, 68.1800,
36.6906

Harmonies

Analogous

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



12.8416, 14.2862, 29.3676



14.8908, 14.2862, 28.7607



16.7520, 14.2862, 24.1467

Triad

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



14.8908, 14.2862, 28.7607



16.3169, 14.2862, 8.5362



10.0855, 14.2862, 13.5027

Complementary

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



14.8908, 14.2862, 28.7607



23.0675, 25.3482, 14.9866

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.



10.8336, 14.2862, 9.2899



14.8908, 14.2862, 28.7607



14.3433, 14.2862, 6.9384

Square

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



14.8908, 14.2862, 28.7607



17.6305, 14.2862, 12.1892



12.3459, 14.2862, 7.1746



10.2005, 14.2862, 19.4901

Rectangle

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



14.8908, 14.2862, 28.7607



17.5722, 14.2862, 19.9425



12.3459, 14.2862, 7.1746



10.2412, 14.2862, 11.8638

Sweetspot

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



14.8913, 14.2868, 28.7610



40.4821, 41.7652, 53.9014



19.6865, 24.6449, 27.9927



8.8107, 9.0644, 11.9574



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.



14.8913, 14.2868, 28.7610



23.0315, 21.2671, 50.8646



16.4036, 14.2119, 28.6669



5.1806, 5.3569, 6.7897



4.5826, 2.1512, 23.1508



0.0523, 0.0375, 0.2242

Inverse Universe

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



18.4003, 15.5488, 14.8639



30.3953, 24.0613, 21.6684



21.0955, 25.6569, 15.1501



5.4346, 5.4344, 5.7867



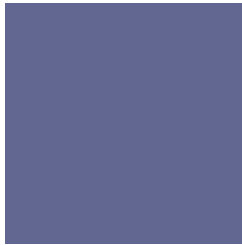
10.1162, 5.2035, 0.9972



0.1010, 0.0515, 0.0321

Previews

White Background



This preview shows how the XYZ color 14.8908, 14.2862, 28.7607 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 14.8908, 14.2862, 28.7607 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 14.8908, 14.2862, 28.7607

Background



This preview shows how black text looks on a background with the XYZ color 14.8908, 14.2862, 28.7607.



This preview shows how white text looks on a background with the XYZ color 14.8908, 14.2862,

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

14.8908, 14.2862, 28.7607

Protanopia

14.6528, 14.3031, 29.1826

Deuteranopia

14.5754, 14.2721, 28.7747



Tritanopia

12.8878, 14.2336, 18.8977

Trichromacy



Original Color

14.8908, 14.2862, 28.7607

Protanomaly

14.7547, 14.3556, 29.1874

Deuteranomaly

14.6772, 14.3246, 28.7794

Tritanomaly

13.4990, 14.1675, 22.1018

Monochromacy



Original Color

14.8908, 14.2862, 28.7607

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.0353, 14.3428, 19.7980

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8908, 14.2862, 28.7607 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(97, 103, 145) looks like.

```
.text, #text, p{  
    color:rgb(97, 103, 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(97, 103, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 103, 145) }
```

Border

The CSS property to change the border of an element to XYZ 14.8908, 14.2862, 28.7607 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(97, 103, 145) }
```


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

```
.border{ border-color:rgb(97, 103, 145) }
```

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

Here you see how a box with a 4 pixel rgb(97, 103, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 103, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 103, 145);  
box-shadow:4px 4px 4px 4px rgb(97, 103,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8908, 14.2862, 28.7607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 103, 145) }
```

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

```
.background{ background-color: rgb(97, 103,  
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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