

Converting Colors

XYZ(14.8916, 17.3126, 28.6590)

Have a look what the booklet for
XYZ(14.8916, 17.3126, 28.6590)
contains.

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Color

**XYZ(14.8559, 17.2357,
28.5304)**

Conversions

Conversions Part 1

Format	Color
Hex	4D798F
RGB	77, 121, 143
RGB Percent	30%, 47%, 56%
CMY	0.6980, 0.5255, 0.4392
CMYK	0.46, 0.15, 0.00, 0.44
HSL	200°, 30%, 43%
HSV	200°, 46%, 56%
XYZ	14.8559, 17.2357, 28.5304
YIQ	110.3520, -33.2860, -2.4860

Conversions

Conversions Part 2

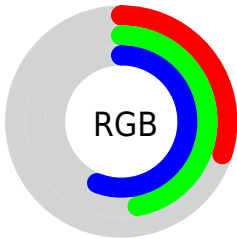
Format	Color
R_{YB}	77, 103, 143
Decimal	5077391
CIE _{Lab}	48.56, -8.92, -16.68
CIE _{LCh}	49, 18.916, 241.851
Yxy	17.2357, 0.2451, 0.2843
Android (android.graphics.Color)	4283267471 (0xFF4D798F)
YUV	110.3520, 16.0955, -29.2497
Hunter-Lab	41.5159, -8.7790, -11.6839

Details

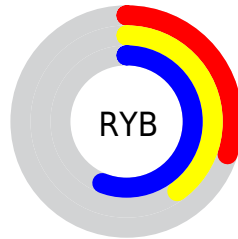
The XYZ color **14.8559, 17.2357, 28.5304** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **17.1295, 15.2997, 9.0721**, and the grayscale version is **14.8847, 15.6598, 17.0535**.

A 20% lighter version of the original color is **34.0749, 38.5855, 58.4751**, and **4.6465, 5.6072, 11.1933** is the 20% darker color. If you saturate the color by 10%, you get **13.2616, 15.5753, 28.2943**, and if you desaturate by 10%, it is **16.7337, 19.0854, 28.7888**.

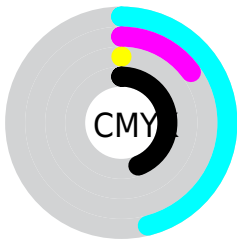
Distribution



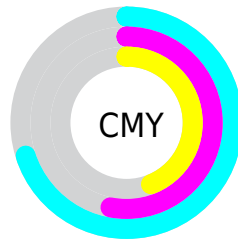
- Red (30%)
- Green (47%)
- Blue (56%)



- Red (30%)
- Yellow (40%)
- Blue (56%)



- Cyan (46%)
- Magenta (15%)
- Yellow (0%)
- Black (44%)



- Cyan (70%)
- Magenta (53%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8559, 17.2357, 28.5304 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 14.8559, 17.2357, 28.5304 by changing the saturation by 10% instead.

■ 14.8559, 17.2357,
28.5304

■ 14.8559, 17.2357,
28.5304

215.8981,
236.5270, 308.9841

■ 8.8040, 10.4027,
18.4833

■ 34.1739, 38.7306,
58.3634

■ 4.6696, 5.6668,
11.1245

■ 48.1707, 54.1612,
78.9864

■ 2.0875, 2.6435,
6.0354

■ 65.5465, 73.2266,
103.9719

■ 0.6824, 0.9486,
2.7975

■ 86.6667, 96.3109,
133.7382

■ 0.0000, 0.0000,
0.9922

■ 111.8966,
123.7988, 168.7041

■ 0.0000, 0.0000,
0.0000

141.6015,

156.0745, 209.2880

176.1469,
193.5224, 255.9085

■ 14.8559, 17.2357,
28.5304

■ 14.8559, 17.2357,
28.5304

■ 13.2616, 15.5753,
28.2943

■ 16.7337, 19.0854,
28.7888

■ 11.9317, 14.0929,
28.0782

■ 18.9089, 21.1312,
29.0690

■ 10.8478, 12.7784,
27.8816

■ 21.3965, 23.3817,
29.3723

■ 9.9875, 11.6199,
27.7034

■ 24.2101, 25.8445,
29.6993

■ 9.3172, 10.5994,
27.5417

■ 27.3623, 28.5266,
30.0509

■ 9.0804, 10.2280,
27.4825

■ 30.8650, 31.4348,
30.4276

■ 34.7296, 34.5755,
30.8302

■ 38.9670, 37.9547,
31.2591

■ 43.5874, 41.5784,
31.7150

Harmonies

Analogous

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



13.7049, 17.2357, 24.2823



14.8559, 17.2357, 28.5304



16.4902, 17.2357, 30.0461

Triad

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



14.8559, 17.2357, 28.5304



19.9532, 17.2357, 18.4594



14.6815, 17.2357, 11.7562

Complementary

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



14.8559, 17.2357, 28.5304



17.1295, 15.2997, 9.0721

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.



16.2743, 17.2357, 10.7361



14.8559, 17.2357, 28.5304



19.3869, 17.2357, 14.1569

Square

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



14.8559, 17.2357, 28.5304



19.5078, 17.2357, 23.6522



18.0092, 17.2357, 11.5314



13.6093, 17.2357, 14.6051

Rectangle

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



14.8559, 17.2357, 28.5304



17.6572, 17.2357, 29.1218



18.0092, 17.2357, 11.5314



15.1698, 17.2357, 11.2133

Sweetspot

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



14.8565, 17.2364, 28.5308



39.2077, 42.6619, 52.7061



15.0834, 22.1031, 15.0025



8.7762, 9.5927, 12.0612



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.



14.8565, 17.2364, 28.5308



23.7462, 27.8896, 50.6697



11.5998, 10.7230, 27.4453



5.4109, 5.8175, 6.8665



8.0484, 9.0828, 24.3060



0.0973, 0.1275, 0.2392

Inverse Universe

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



17.4333, 12.5285, 19.5892



29.1079, 19.0303, 31.8547



20.7705, 22.5817, 10.2858



5.5509, 5.4809, 6.3988



11.8656, 5.9033, 10.2094



0.1237, 0.0605, 0.1516

Previews

White Background



This preview shows how the XYZ color 14.8559, 17.2357, 28.5304 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 14.8559, 17.2357, 28.5304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

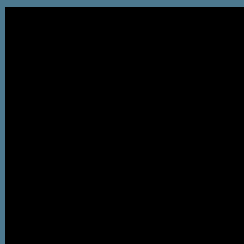
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

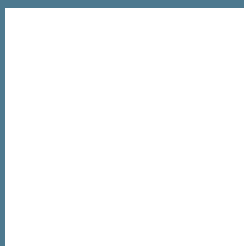
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.8559, 17.2357, 28.5304

Background



This preview shows how black text looks on a background with the XYZ color 14.8559, 17.2357, 28.5304.



This preview shows how white text looks on a background with the XYZ color 14.8559, 17.2357,

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

14.8559, 17.2357, 28.5304

Protanopia

17.0352, 17.1846, 26.4639

Deuteranopia

17.5715, 17.2341, 29.1885



Tritanopia

14.1406, 17.3152, 24.7872

Trichromacy



Original Color

14.8559, 17.2357, 28.5304

Protanomaly

16.1319, 17.2127, 27.2831

Deuteranomaly

16.4250, 17.1570, 28.8315

Tritanomaly

14.3765, 17.2211, 26.2332

Monochromacy



Original Color

14.8559, 17.2357, 28.5304

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.5672, 16.0364, 20.7399

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8559, 17.2357, 28.5304 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(77, 121, 143)` looks like.

```
.text, #text, p{  
    color:rgb(77, 121, 143)  
}
```

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(77, 121, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 121, 143) }
```

Border

The CSS property to change the border of an element to XYZ 14.8559, 17.2357, 28.5304 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(77, 121, 143) }
```


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

```
.border{ border-color:rgb(77, 121, 143) }
```

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

Here you see how a box with a 4 pixel rgb(77, 121, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 121, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 121, 143);  
box-shadow:4px 4px 4px 4px rgb(77, 121,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8559, 17.2357, 28.5304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 121, 143) }
```

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

```
.background{ background-color: rgb(77, 121,  
143) }
```

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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