

Converting Colors

XYZ(14.8417, 17.1096, 27.7008)

Have a look what the booklet for
XYZ(14.8417, 17.1096, 27.7008)
contains.

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Color

**XYZ(14.8325, 17.0615,
27.7107)**

Conversions

Conversions Part 1

Format	Color
Hex	50788D
RGB	80, 120, 141
RGB Percent	31%, 47%, 55%
CMY	0.6863, 0.5294, 0.4471
CMYK	0.43, 0.15, 0.00, 0.45
HSL	201°, 28%, 43%
HSV	201°, 43%, 55%
XYZ	14.8325, 17.0615, 27.7107
YIQ	110.4340, -30.5810, -1.9490

Conversions

Conversions Part 2

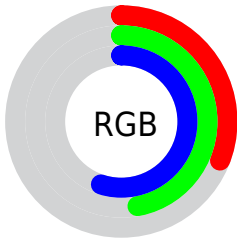
Format	Color
R _Y B	80, 104, 141
Decimal	5273741
CIE Lab	48.34, -8.12, -15.82
CIE LCh	48, 17.782, 242.812
Yxy	17.0615, 0.2488, 0.2862
Android (android.graphics.Color)	4283463821 (0xFF50788D)
YUV	110.4340, 15.0690, -26.6906
Hunter-Lab	41.3056, -8.1868, -10.8620

Details

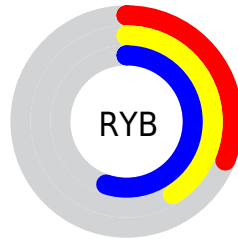
The XYZ color **14.8325, 17.0615, 27.7107** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **17.0866, 15.5498, 9.6910**, and the grayscale version is **14.9105, 15.6870, 17.0832**.

A 20% lighter version of the original color is **34.1186, 38.3507, 57.2339**, and **4.6846, 5.6369, 10.7387** is the 20% darker color. If you saturate the color by 10%, you get **13.1957, 15.3732, 27.4714**, and if you desaturate by 10%, it is **16.7499, 18.9391, 27.9724**.

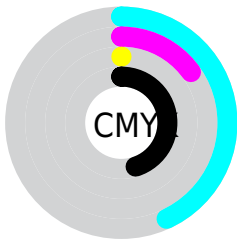
Distribution



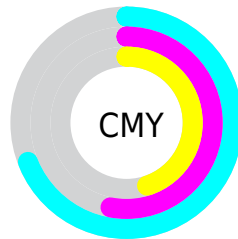
- Red (31%)
- Green (47%)
- Blue (55%)



- Red (31%)
- Yellow (41%)
- Blue (55%)



- Cyan (43%)
- Magenta (15%)
- Yellow (0%)
- Black (45%)



- Cyan (69%)
- Magenta (53%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8325, 17.0615, 27.7107 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 14.8325, 17.0615, 27.7107 by changing the saturation by 10% instead.

■ 14.8325, 17.0615,
27.7107

■ 14.8325, 17.0615,
27.7107

215.7587,
235.5265, 304.9503

■ 8.7875, 10.2783,
17.8706

■ 34.1331, 38.4315,
57.0398

■ 4.6588, 5.5839,
10.6886

■ 48.1195, 53.7871,
77.3658

■ 2.0812, 2.5938,
5.7463

■ 65.4836, 72.7690,
102.0241

■ 0.6790, 0.9235,
2.6252

■ 86.5909, 95.7616,
131.4334

■ 0.0000, 0.0000,
0.9054

■ 111.8066,
123.1492, 166.0121

■ 0.0000, 0.0000,
0.0000

141.4963,

155.3163, 206.1788

176.0252,
192.6473, 252.3520

■ 14.8325, 17.0615,
27.7107

■ 14.8325, 17.0615,
27.7107

■ 13.1957, 15.3732,
27.4714

■ 16.7499, 18.9391,
27.9724

■ 11.8215, 13.8634,
27.2524

■ 18.9610, 21.0123,
28.2560

■ 10.6927, 12.5225,
27.0531

■ 21.4802, 23.2894,
28.5627

■ 9.7887, 11.3396,
26.8724

■ 24.3201, 25.7778,
28.8934

■ 9.0852, 10.3013,
26.7091

■ 27.4929, 28.4841,
29.2485

■ 8.6749, 9.6574,
26.6064

■ 31.0100, 31.4149,
29.6288

■ 34.8822, 34.5763,
30.0350

■ 39.1198, 37.9742,
30.4675

■ 43.7329, 41.6142,
30.9269

Harmonies

Analogous

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



13.7335, 17.0615, 23.8508



14.8325, 17.0615, 27.7107



16.3700, 17.0615, 29.0049

Triad

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



14.8325, 17.0615, 27.7107



19.5359, 17.0615, 18.1422



14.5841, 17.0615, 12.0348

Complementary

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



14.8325, 17.0615, 27.7107



17.0866, 15.5498, 9.6910

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.



16.0639, 17.0615, 11.0065



14.8325, 17.0615, 27.7107



18.9820, 17.0615, 14.1444

Square

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



14.8325, 17.0615, 27.7107



19.1525, 17.0615, 22.9653



17.6839, 17.0615, 11.7097



13.5969, 17.0615, 14.7868

Rectangle

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



14.8325, 17.0615, 27.7107



17.4562, 17.0615, 28.0888



17.6839, 17.0615, 11.7097



15.0368, 17.0615, 11.4990

Sweetspot

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



14.8330, 17.0622, 27.7111



38.4582, 41.6993, 51.1497



15.1501, 21.6822, 15.5286



8.3801, 9.1266, 11.3994



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



14.8330, 17.0622, 27.7111



23.6702, 27.5723, 49.2023



11.7868, 10.9697, 26.6957



5.4061, 5.8079, 6.8649



7.9249, 8.8358, 24.2649



0.0964, 0.1257, 0.2389

Inverse Universe

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



17.2438, 12.7567, 19.3234



28.7360, 19.3672, 31.3883



20.5268, 22.4302, 10.8377



5.5484, 5.4799, 6.3861



11.8032, 5.8783, 9.8811



0.1232, 0.0604, 0.1492

Previews

White Background



This preview shows how the XYZ color 14.8325, 17.0615, 27.7107 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 14.8325, 17.0615, 27.7107 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

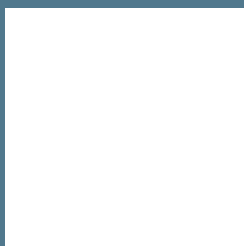
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.8325, 17.0615, 27.7107

Background



This preview shows how black text looks on a background with the XYZ color 14.8325, 17.0615, 27.7107.



This preview shows how white text looks on a background with the XYZ color 14.8325, 17.0615,

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

14.8325, 17.0615, 27.7107

Protanopia

16.7795, 16.9028, 25.6707

Deuteranopia

17.3076, 16.9510, 28.3463



Tritanopia

14.1168, 17.1355, 24.0362

Trichromacy



Original Color

14.8325, 17.0615, 27.7107

Protanomaly

15.9784, 16.9784, 26.4798

Deuteranomaly

16.2687, 16.9238, 28.0003

Tritanomaly

14.3524, 17.0437, 25.4550

Monochromacy



Original Color

14.8325, 17.0615, 27.7107

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.6141, 16.0678, 20.4203

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8325, 17.0615, 27.7107 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(80, 120, 141) looks like.

```
.text, #text, p{  
    color:rgb(80, 120, 141)  
}
```

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(80, 120, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 120, 141) }
```

Border

The CSS property to change the border of an element to XYZ 14.8325, 17.0615, 27.7107 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(80, 120, 141) }
```


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

```
.border{ border-color:rgb(80, 120, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 120, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 120, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 120, 141);  
box-shadow:4px 4px 4px 4px rgb(80, 120,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8325, 17.0615, 27.7107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 120, 141) }
```

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

```
.background{ background-color: rgb(80, 120,  
141) }
```

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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