

Converting Colors

XYZ(14.0975, 17.4363, 28.1795)

Have a look what the booklet for
XYZ(14.0975, 17.4363, 28.1795)
contains.

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Color

**XYZ(14.0767, 17.3924,
28.2063)**

Conversions

Conversions Part 1

Format	Color
Hex	3E7C8E
RGB	62, 124, 142
RGB Percent	24%, 49%, 56%
CMY	0.7568, 0.5137, 0.4431
CMYK	0.56, 0.13, 0.00, 0.44
HSL	193°, 39%, 40%
HSV	193°, 56%, 56%
XYZ	14.0767, 17.3924, 28.2063
YIQ	107.5140, -42.7300, -7.5460

Conversions

Conversions Part 2

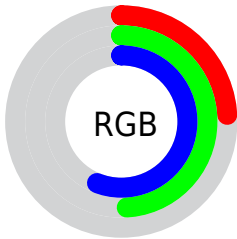
Format	Color
R _Y B	62, 97, 142
Decimal	4095118
CIE Lab	48.75, -14.56, -15.86
CIE LCh	49, 21.525, 227.443
Yxy	17.3924, 0.2359, 0.2915
Android (android.graphics.Color)	4282285198 (0xFF3E7C8E)
YUV	107.5140, 17.0016, -39.9158
Hunter-Lab	41.7042, -12.7320, -10.9074

Details

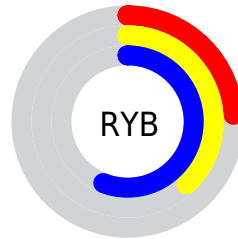
The XYZ color **14.0767, 17.3924, 28.2063** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **14.8939, 11.8363, 6.0576**, and the grayscale version is **14.0811, 14.8144, 16.1329**.

A 20% lighter version of the original color is **32.8884, 39.1428, 58.0465**, and **4.4478, 5.8049, 11.0112** is the 20% darker color. If you saturate the color by 10%, you get **12.9062, 16.2045, 28.0390**, and if you desaturate by 10%, it is **15.4940, 18.7275, 28.3896**.

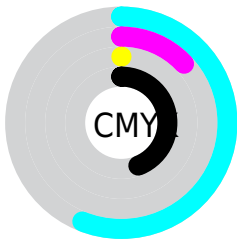
Distribution



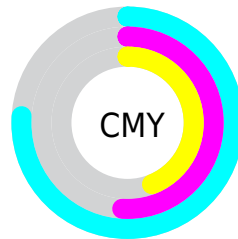
- Red (24%)
- Green (49%)
- Blue (56%)



- Red (24%)
- Yellow (38%)
- Blue (56%)



- Cyan (56%)
- Magenta (13%)
- Yellow (0%)
- Black (44%)



- Cyan (76%)
- Magenta (51%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0767, 17.3924, 28.2063 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 14.0767, 17.3924, 28.2063 by changing the saturation by 10% instead.

■ 14.0767, 17.3924,
28.2063

■ 14.0767, 17.3924,
28.2063

211.2085,
237.4236, 307.3943

■ 8.2561, 10.5147,
18.2408

■ 32.8102, 38.9992,
57.8407

■ 4.3124, 5.7415,
10.9518

■ 46.4538, 54.4971,
78.3467

■ 1.8804, 2.6885,
5.9207

■ 63.4357, 73.6371,
103.2033

■ 0.5654, 0.9714,
2.7289

■ 84.1214, 96.8037,
132.8291

■ 0.0000, 0.0000,
0.9579

■ 108.8762,
124.3813, 167.6425

■ 0.0000, 0.0000,
0.0000

138.0654,

156.7542, 208.0622

172.0544,
194.3068, 254.5066

■ 14.0767, 17.3924,
28.2063

■ 14.0767, 17.3924,
28.2063

■ 12.9062, 16.2045,
28.0390

■ 15.4940, 18.7275,
28.3896

■ 11.9621, 15.1521,
27.8857

■ 17.1732, 20.2167,
28.5886

■ 11.2235, 14.2245,
27.7455

■ 19.1299, 21.8685,
28.8043

■ 10.6564, 13.4041,
27.6171

■ 21.3780, 23.6904,
29.0374

■ 10.4640, 13.1160,
27.5716

■ 23.9306, 25.6892,
29.2887

■ 26.8000, 27.8713,
29.5587

■ 29.9975, 30.2430,
29.8479

■ 33.5341, 32.8099,
30.1570

■ 37.4202, 35.5776,
30.4864

Harmonies

Analogous

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



13.1439, 17.3924, 22.4142



14.0767, 17.3924, 28.2063



15.7132, 17.3924, 31.7678

Triad

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



14.0767, 17.3924, 28.2063



20.5524, 17.3924, 21.4202



15.4108, 17.3924, 10.2915

Complementary

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



14.0767, 17.3924, 28.2063



14.8939, 11.8363, 6.0576

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.



17.3766, 17.3924, 10.1314



14.0767, 17.3924, 28.2063



20.4550, 17.3924, 15.8400

Square

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



14.0767, 17.3924, 28.2063



19.5114, 17.3924, 27.3540



19.2551, 17.3924, 11.9604



13.8706, 17.3924, 12.4530

Rectangle

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



14.0767, 17.3924, 28.2063



17.0314, 17.3924, 32.0081



19.2551, 17.3924, 11.9604



16.0405, 17.3924, 10.0199

Sweetspot

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



14.0773, 17.3931, 28.2067



37.2703, 41.4345, 51.1612



13.0835, 20.9399, 10.8137



8.1668, 9.1282, 11.4109



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.



14.0773, 17.3931, 28.2067



22.2052, 27.9791, 49.3580



10.0919, 9.4223, 26.8783



5.4588, 5.9133, 6.8824



9.4091, 11.8042, 24.7596



0.1063, 0.1455, 0.2422

Inverse Universe

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



16.5165, 10.6517, 20.2549



27.1821, 15.6272, 32.8192



18.6618, 19.3722, 7.3135



5.5750, 5.4905, 6.5262



12.5524, 6.1780, 13.8261



0.1282, 0.0624, 0.1755

Previews

White Background



This preview shows how the XYZ color 14.0767, 17.3924, 28.2063 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 14.0767, 17.3924, 28.2063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

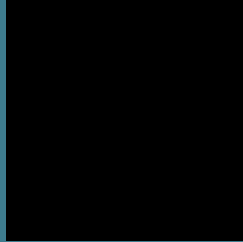
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.0767, 17.3924, 28.2063

Background



This preview shows how black text looks on a background with the XYZ color 14.0767, 17.3924, 28.2063.



This preview shows how white text looks on a background with the XYZ color 14.0767, 17.3924,

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

14.0767, 17.3924, 28.2063

Protanopia

16.9460, 17.1634, 25.3414

Deuteranopia

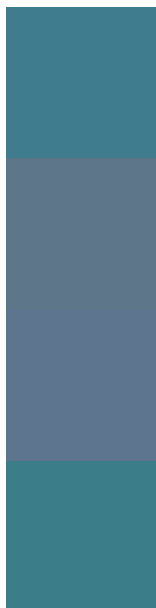
17.4947, 17.2034, 28.7841



Tritanopia

13.5104, 17.3463, 25.5578

Trichromacy



Original Color

14.0767, 17.3924, 28.2063

Protanomaly

15.5801, 17.1190, 26.5279

Deuteranomaly

15.8334, 17.0329, 28.4398

Tritanomaly

13.7845, 17.4629, 26.6889

Monochromacy



Original Color

14.0767, 17.3924, 28.2063

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

13.7219, 15.6148, 20.0600

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0767, 17.3924, 28.2063 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(62, 124, 142)` looks like.

```
.text, #text, p{  
    color:rgb(62, 124, 142)  
}
```

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(62, 124, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 124, 142) }
```

Border

The CSS property to change the border of an element to XYZ 14.0767, 17.3924, 28.2063 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(62, 124, 142) }
```


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

```
.border{ border-color:rgb(62, 124, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 124, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 124, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 124, 142);  
box-shadow:4px 4px 4px 4px rgb(62, 124,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0767, 17.3924, 28.2063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 124, 142) }
```

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

```
.background{ background-color: rgb(62, 124,  
142) }
```

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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