

Converting Colors

XYZ(14.1963, 17.2048, 19.1188)

Have a look what the booklet for
XYZ(14.1963, 17.2048, 19.1188)
contains.

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Color

**XYZ(14.2317, 17.3039,
19.1129)**

Conversions

Conversions Part 1

Format	Color
Hex	597A74
RGB	89, 122, 116
RGB Percent	35%, 48%, 45%
CMY	0.6510, 0.5216, 0.5451
CMYK	0.27, 0.00, 0.05, 0.52
HSL	169°, 16%, 41%
HSV	169°, 27%, 48%
XYZ	14.2317, 17.3039, 19.1129
YIQ	111.4490, -17.7420, -8.8620

Conversions

Conversions Part 2

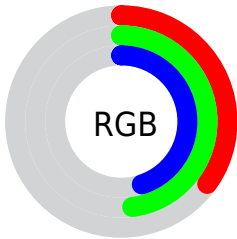
Format	Color
R_{YB}	89, 107, 122
Decimal	5864052
CIE _{Lab}	48.64, -13.12, -0.53
CIE _{LCh}	49, 13.127, 182.329
Yxy	17.3039, 0.2810, 0.3416
Android (android.graphics.Color)	4284054132 (0xFF597A74)
YUV	111.4490, 2.2436, -19.6878
Hunter-Lab	41.5980, -11.7271, 1.8768

Details

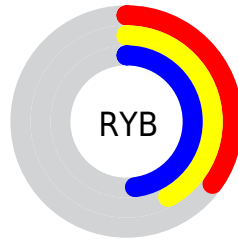
The XYZ color **14.2317, 17.3039, 19.1129** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **13.6645, 12.1089, 12.4441**, and the grayscale version is **15.2377, 16.0313, 17.4581**.

A 20% lighter version of the original color is **33.0192, 38.6747, 42.7705**, and **4.3808, 5.6747, 6.3333** is the 20% darker color. If you saturate the color by 10%, you get **13.0292, 16.6992, 18.3912**, and if you desaturate by 10%, it is **15.6323, 18.0113, 19.8607**.

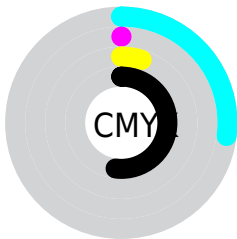
Distribution



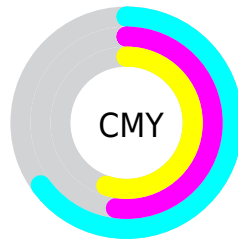
- Red (35%)
- Green (48%)
- Blue (45%)



- Red (35%)
- Yellow (42%)
- Blue (48%)



- Cyan (27%)
- Magenta (0%)
- Yellow (5%)
- Black (52%)



- Cyan (65%)
- Magenta (52%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2317, 17.3039, 19.1129 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 14.2317, 17.3039, 19.1129 by changing the saturation by 10% instead.

■ 14.2317, 17.3039,
19.1129

■ 14.2317, 17.3039,
19.1129

212.1494,
236.9176, 259.5148

■ 8.3648, 10.4514,
11.5742

■ 33.0824, 38.8475,
42.7640

■ 4.3830, 5.6993,
6.3355

■ 46.7969, 54.3075,
59.7136

■ 1.9210, 2.6631,
2.9781

■ 63.8580, 73.4054,
80.6372

■ 0.5890, 0.9585,
1.0834

■ 84.6310, 96.5256,
105.9534

■ 0.0000, 0.0000,
0.0000

109.4813,
124.0525, 136.0807

138.7742,

156.3706, 171.4377

172.8751,
193.8641, 212.4428

■ 14.2317, 17.3039,
19.1129

■ 14.2317, 17.3039,
19.1129

■ 13.0292, 16.6992,
18.3912

■ 15.6323, 18.0113,
19.8607

■ 12.0138, 16.1901,
17.6939

■ 17.2385, 18.8239,
20.6339

■ 11.1756, 15.7720,
17.0208

■ 19.0591, 19.7466,
21.4335

■ 10.5032, 15.4391,
16.3711

■ 21.1021, 20.7836,
22.2600

■ 9.9838, 15.1846,
15.7443

■ 23.3749, 21.9388,
23.1137

■ 9.6027, 15.0012,
15.1395

■ 25.8846, 23.2157,
23.9951

■ 9.3280, 14.8722,
14.5551

■ 28.6382, 24.6179,
24.9047

■ 9.2512, 14.8363,
14.3858

■ 31.6421, 26.1488,
25.8428

■ 34.9026, 27.8117,
26.8099

Harmonies

Analogous

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



14.4727, 17.3039, 15.9153



14.2317, 17.3039, 19.1129



14.5597, 17.3039, 22.6305

Triad

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



14.2317, 17.3039, 19.1129



17.7216, 17.3039, 25.0452



17.5502, 17.3039, 13.5384

Complementary

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



14.2317, 17.3039, 19.1129



13.6645, 12.1089, 12.4441

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.



18.4904, 17.3039, 15.5001



14.2317, 17.3039, 19.1129



18.5928, 17.3039, 22.1050

Square

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



14.2317, 17.3039, 19.1129



16.5415, 17.3039, 26.3069



18.8807, 17.3039, 18.5717



16.3525, 17.3039, 12.9410

Rectangle

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



14.2317, 17.3039, 19.1129



15.0667, 17.3039, 24.6174



18.8807, 17.3039, 18.5717



17.9088, 17.3039, 14.0472

Sweetspot

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



14.2322, 17.3046, 19.1133



29.9846, 32.9423, 36.1418



13.4877, 17.0767, 12.0366



6.7701, 7.4888, 8.2237



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



14.2322, 17.3046, 19.1133



23.7854, 29.8119, 32.8923



13.3778, 15.0188, 20.6071



4.0773, 4.5005, 4.9408



9.7368, 15.6184, 15.1308



46.1581, 74.3863, 70.6616

Inverse Universe

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



13.6645, 12.1089, 12.4441



22.6248, 19.1784, 19.2493



14.3343, 13.8685, 11.3727



4.0253, 4.0259, 4.3311



8.6020, 4.4170, 1.1953



40.7994, 20.9761, 4.4740

Previews

White Background



This preview shows how the XYZ color 14.2317, 17.3039, 19.1129 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 14.2317, 17.3039, 19.1129 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 14.2317, 17.3039, 19.1129

Background



This preview shows how black text looks on a background with the XYZ color 14.2317, 17.3039, 19.1129.



This preview shows how white text looks on a background with the XYZ color 14.2317, 17.3039,

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

14.2317, 17.3039, 19.1129

Protanopia

16.5266, 17.2829, 17.7941

Deuteranopia

17.5216, 17.2563, 19.5469



Tritanopia

15.1594, 17.3200, 23.6632

Trichromacy



Original Color

14.2317, 17.3039, 19.1129

Protanomaly

15.5225, 17.2749, 18.1391

Deuteranomaly

16.1384, 17.2199, 19.3028

Tritanomaly

14.8534, 17.3796, 21.9738

Monochromacy



Original Color

14.2317, 17.3039, 19.1129

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.7049, 16.3373, 18.0012

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2317, 17.3039, 19.1129 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(89, 122, 116) looks like.

```
.text, #text, p{  
    color:rgb(89, 122, 116)  
}
```

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(89, 122, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 122, 116) }
```

Border

The CSS property to change the border of an element to XYZ 14.2317, 17.3039, 19.1129 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(89, 122, 116) }
```


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

```
.border{ border-color:rgb(89, 122, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 122, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 122, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 122, 116);  
box-shadow:4px 4px 4px 4px rgb(89, 122,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2317, 17.3039, 19.1129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 122, 116) }
```

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

```
.background{ background-color: rgb(89, 122,  
116) }
```

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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