

Converting Colors

XYZ(14.1068, 11.0712, 17.6046)

Have a look what the booklet for
XYZ(14.1068, 11.0712, 17.6046)
contains.

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Color

**XYZ(14.0589, 11.0407,
17.6097)**

Conversions

Conversions Part 1

Format	Color
Hex	7B4F73
RGB	123, 79, 115
RGB Percent	48%, 31%, 45%
CMY	0.5176, 0.6902, 0.5490
CMYK	0.00, 0.36, 0.07, 0.52
HSL	311°, 22%, 40%
HSV	311°, 36%, 48%
XYZ	14.0589, 11.0407, 17.6097
YIQ	96.2600, 14.6680, 20.5240

Conversions

Conversions Part 2

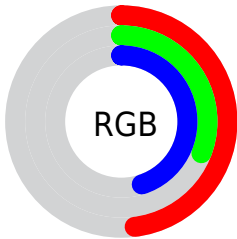
Format	Color
R_{YB}	123, 79, 115
Decimal	8081267
CIE _{Lab}	39.65, 24.56, -13.02
CIE _{LCh}	40, 27.800, 332.072
Yxy	11.0407, 0.3292, 0.2585
Android (android.graphics.Color)	4286271347 (0xFF7B4F73)
YUV	96.2600, 9.2388, 23.4510
Hunter-Lab	33.2275, 17.3769, -8.1628

Details

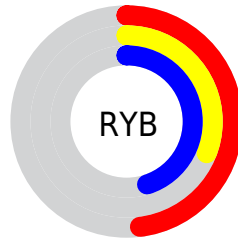
The XYZ color **14.0589, 11.0407, 17.6097** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **12.0282, 16.5167, 11.5716**, and the grayscale version is **11.1574, 11.7384, 12.7831**.

A 20% lighter version of the original color is **32.7298, 27.7206, 40.1848**, and **4.3046, 2.9094, 5.6449** is the 20% darker color. If you saturate the color by 10%, you get **13.1254, 9.3770, 16.6713**, and if you desaturate by 10%, it is **15.1604, 13.0350, 18.6198**.

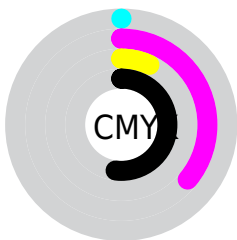
Distribution



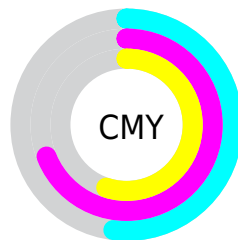
- Red (48%)
- Green (31%)
- Blue (45%)



- Red (48%)
- Yellow (31%)
- Blue (45%)



- Cyan (0%)
- Magenta (36%)
- Yellow (7%)
- Black (52%)



- Cyan (52%)
- Magenta (69%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0589, 11.0407, 17.6097 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 14.0589, 11.0407, 17.6097 by changing the saturation by 10% instead.

■ 14.0589, 11.0407,
17.6097

■ 14.0589, 11.0407,
17.6097

211.1002,
197.9466, 250.8236

■ 8.2436, 6.0942,
10.5036

■ 32.7789, 27.7354,
40.1760

■ 4.3043, 2.9025,
5.6242

■ 46.4143, 40.2524,
56.4734

■ 1.8757, 1.0810,
2.5529

■ 63.3872, 56.0617,
76.6715

■ 0.5627, 0.0000,
0.8680

■ 84.0628, 75.5477,
101.1891

■ 0.0000, 0.0000,
0.0000

■ 108.8066, 99.0948,
130.4445

137.9838,

127.0874, 164.8564

171.9599,
159.9098, 204.8432

■ 14.0589, 11.0407,
17.6097

■ 14.0589, 11.0407,
17.6097

■ 13.1254, 9.3770,
16.6713

■ 15.1604, 13.0350,
18.6198

■ 12.3498, 8.0243,
15.8007

■ 16.4373, 15.3752,
19.7037

■ 11.7224, 6.9631,
14.9947


■ 17.8977, 18.0774,
20.8644


■ 11.2321, 6.1713,
14.2495

■ 19.5490, 21.1563,
22.1045


■ 10.8663, 5.6234,
13.5608


■ 21.3981, 24.6257,
23.4263


 10.6025, 5.2750,
12.9209

 23.4516, 28.4988,
24.8322

 10.4996, 5.1435,
12.6576

 25.7159, 32.7880,
26.3244

 28.1968, 37.5055,
27.9050

 30.9002, 42.6626,
29.5759

Harmonies

Analogous

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



12.5529, 11.0407, 23.2279



14.0589, 11.0407, 17.6097



14.5787, 11.0407, 11.6476

Triad

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



14.0589, 11.0407, 17.6097



10.3625, 11.0407, 4.3108



7.6958, 11.0407, 18.4673

Complementary

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



14.0589, 11.0407, 17.6097



12.0282, 16.5167, 11.5716

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.



7.2536, 11.0407, 12.4032



14.0589, 11.0407, 17.6097



8.6733, 11.0407, 5.1629

Square

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



14.0589, 11.0407, 17.6097



12.2972, 11.0407, 4.9509



7.5890, 11.0407, 7.7615



8.8761, 11.0407, 23.8190

Rectangle

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



14.0589, 11.0407, 17.6097



14.2512, 11.0407, 8.5069



7.5890, 11.0407, 7.7615



7.4628, 11.0407, 16.3910

Sweetspot

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



14.0592, 11.0412, 17.6099



30.5699, 29.6285, 36.2017



10.2401, 9.0168, 19.9400



7.1336, 6.8558, 8.4732



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



14.0592, 11.0412, 17.6099



23.7699, 17.2618, 30.1328



12.9703, 10.6056, 11.8754



4.1247, 4.0656, 4.8544



10.8598, 5.3201, 13.0845



51.5149, 25.2623, 60.9008

Inverse Universe

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



14.0592, 11.0412, 17.6099



23.7699, 17.2618, 30.1328



13.0324, 16.9184, 16.8597



4.1247, 4.0656, 4.8544



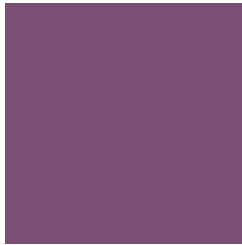
10.8598, 5.3201, 13.0845



51.5149, 25.2623, 60.9008

Previews

White Background



This preview shows how the XYZ color 14.0589, 11.0407, 17.6097 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



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 14.0589, 11.0407, 17.6097

Background



This preview shows how black text looks on a background with the XYZ color 14.0589, 11.0407, 17.6097.



This preview shows how white text looks on a background with the XYZ color 14.0589, 11.0407,

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

14.0589, 11.0407, 17.6097

Protanopia

11.3623, 11.2407, 20.9728

Deuteranopia

11.4239, 11.2262, 17.1876



Tritanopia

12.7615, 11.0719, 11.1373

Trichromacy



Original Color

14.0589, 11.0407, 17.6097

Protanomaly

12.0865, 11.0126, 19.5778

Deuteranomaly

12.2712, 11.0346, 17.4027

Tritanomaly

13.1546, 11.0004, 13.2343

Monochromacy



Original Color

14.0589, 11.0407, 17.6097

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

12.0482, 11.3558, 14.3888

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0589, 11.0407, 17.6097 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(123, 79, 115)` looks like.

```
.text, #text, p{  
    color:rgb(123, 79, 115)  
}
```

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(123, 79, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 79, 115) }
```

Border

The CSS property to change the border of an element to XYZ 14.0589, 11.0407, 17.6097 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(123, 79, 115) }
```


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

```
.border{ border-color:rgb(123, 79, 115) }
```

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

Here you see how a box with a 4 pixel rgb(123, 79, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 79, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 79, 115);  
box-shadow:4px 4px 4px 4px rgb(123, 79,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0589, 11.0407, 17.6097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 79, 115) }
```

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

```
.background{ background-color: rgb(123, 79,  
115) }
```

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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