

Converting Colors

XYZ(14.0734, 17.0193, 3.3188)

Have a look what the booklet for
XYZ(14.0734, 17.0193, 3.3188)
contains.

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Color

**XYZ(14.0778, 17.0335,
3.3049)**

Conversions

Conversions Part 1

Format	Color
Hex	757716
RGB	117, 119, 22
RGB Percent	46%, 47%, 9%
CMY	0.5412, 0.5333, 0.9137
CMYK	0.02, 0.00, 0.82, 0.53
HSL	61°, 69%, 28%
HSV	61°, 82%, 47%
XYZ	14.0778, 17.0335, 3.3049
YIQ	107.3440, 29.9450, -30.5910

Conversions

Conversions Part 2

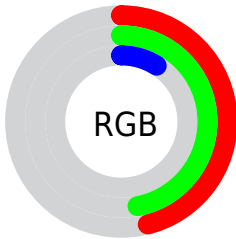
Format	Color
R_{YB}	22, 119, 24
Decimal	7698198
CIE _{Lab}	48.30, -12.62, 48.48
CIE _{LCh}	48, 50.094, 104.589
Yxy	17.0335, 0.4090, 0.4949
Android (android.graphics.Color)	4285888278 (0xFF757716)
YUV	107.3440, -42.0746, 8.4683
Hunter-Lab	41.2717, -11.3389, 24.1424

Details

The XYZ color **14.0778, 17.0335, 3.3049** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **3.9939, 2.1003, 17.6487**, and the grayscale version is **14.1788, 14.9172, 16.2448**.

A 20% lighter version of the original color is **32.8462, 38.4045, 12.3382**, and **4.5000, 5.6647, 0.8562** is the 20% darker color. If you saturate the color by 10%, you get **13.9557, 16.9815, 2.8324**, and if you desaturate by 10%, it is **14.2538, 17.1083, 4.0572**.

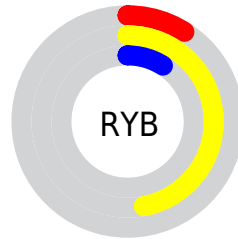
Distribution



Red (46%)

Green (47%)

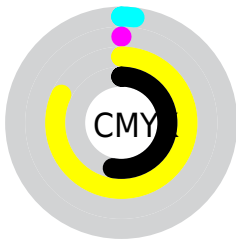
Blue (9%)



Red (9%)

Yellow (47%)

Blue (9%)

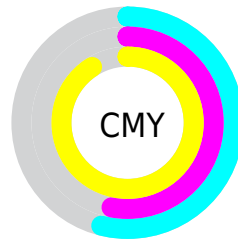


Cyan (2%)

Magenta (0%)

Yellow (82%)

Black (53%)



Cyan (54%)

Magenta (53%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0778, 17.0335, 3.3049 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 14.0778, 17.0335, 3.3049 by changing the saturation by 10% instead.

■ 14.0778, 17.0335,
3.3049

■ 14.0778, 17.0335,
3.3049

211.2152,
235.3654, 140.1540

■ 8.2569, 10.2584,
1.2523

■ 32.8121, 38.3834,
12.3720

■ 4.3129, 5.5706,
0.0223

■ 46.4562, 53.7269,
20.2236

■ 1.8806, 2.5858,
0.0000

■ 63.4387, 72.6954,
30.8452

■ 0.5656, 0.9195,
0.0000

■ 84.1250, 95.6731,
44.6556

■ 0.0000, 0.0000,
0.0000

■ 108.8805,
123.0446, 62.0730

■ 138.0704,

155.1942, 83.5163

172.0602,
192.5063, 109.4037

14.0778, 17.0335,
3.3049

14.0778, 17.0335,
3.3049

13.9557, 16.9815,
2.8324

14.2538, 17.1083,
4.0572

13.8724, 16.9449,
2.5395

14.4889, 17.2062,
5.1222

14.7891, 17.3301,
6.5294

15.1592, 17.4821,
8.3048

15.6038, 17.6638,
10.4716

■ 16.1269, 17.8769,
13.0513

■ 16.7323, 18.1229,
16.0637

■ 17.4234, 18.4032,
19.5275

■ 18.2037, 18.7193,
23.4602

Harmonies

Analogous

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



18.6364, 17.0335, 3.3345



14.0778, 17.0335, 3.3049



10.7761, 17.0335, 5.7859

Triad

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



14.0778, 17.0335, 3.3049



10.7084, 17.0335, 42.3859



26.2127, 17.0335, 26.0615

Complementary

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



14.0778, 17.0335, 3.3049



3.9939, 2.1003, 17.6487

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.



23.1674, 17.0335, 42.8295



14.0778, 17.0335, 3.3049



13.9674, 17.0335, 54.8733

Square

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



14.0778, 17.0335, 3.3049



9.0939, 17.0335, 25.6273



18.5032, 17.0335, 55.0657



26.2576, 17.0335, 12.9074

Rectangle

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



14.0778, 17.0335, 3.3049



9.4848, 17.0335, 9.7152



18.5032, 17.0335, 55.0657



25.4837, 17.0335, 31.5612

Sweetspot

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



14.0782, 17.0343, 3.3052



28.5713, 31.8861, 21.8563



8.0720, 4.6179, 1.2252



6.7058, 7.5301, 4.8575



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.



14.0782, 17.0343, 3.3052



24.8543, 30.3472, 4.6370



9.1884, 14.5135, 3.0764



3.9595, 4.2626, 3.9564



14.7367, 18.0014, 2.6979



71.7195, 87.6745, 13.1429

Inverse Universe

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



3.9939, 2.1003, 17.6487



6.0748, 2.4930, 31.4141



6.2985, 3.2884, 17.7566



3.5070, 3.5931, 4.5989



3.5693, 1.4314, 18.6307



17.3042, 6.9292, 90.7857

Previews

White Background



This preview shows how the XYZ color 14.0778, 17.0335, 3.3049 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 14.0778, 17.0335, 3.3049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

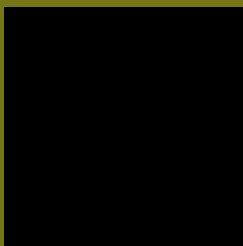
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.0778, 17.0335, 3.3049

Background



This preview shows how black text looks on a background with the XYZ color 14.0778, 17.0335, 3.3049.



This preview shows how white text looks on a background with the XYZ color 14.0778, 17.0335,

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

14.0778, 17.0335, 3.3049

Protanopia

15.3194, 16.9827, 3.1800

Deuteranopia

17.1798, 16.9504, 3.4649



Tritanopia

17.4717, 17.0608, 19.8250

Trichromacy



Original Color

14.0778, 17.0335, 3.3049

Protanomaly

14.8382, 16.9049, 3.1904

Deuteranomaly

15.9231, 16.9532, 3.4103

Tritanomaly

15.6436, 16.8123, 10.8081

Monochromacy



Original Color

14.0778, 17.0335, 3.3049

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

13.5445, 15.2702, 9.0710

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0778, 17.0335, 3.3049 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(117, 119, 22)` looks like.

```
.text, #text, p{  
    color:rgb(117, 119, 22)  
}
```

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(117, 119, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 119, 22) }
```

Border

The CSS property to change the border of an element to XYZ 14.0778, 17.0335, 3.3049 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(117, 119, 22) }
```


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

```
.border{ border-color:rgb(117, 119, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 119, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 119, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 119, 22);  
box-shadow:4px 4px 4px 4px rgb(117, 119,  
22) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0778, 17.0335, 3.3049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 119, 22) }
```

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

```
.background{ background-color: rgb(117,  
119, 22) }
```

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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