

Converting Colors

XYZ(11.2740, 16.9071, 14.8172)

Have a look what the booklet for
XYZ(11.2740, 16.9071, 14.8172)
contains.

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Color

**XYZ(11.3348, 17.0366,
14.7476)**

Conversions

Conversions Part 1

Format	Color
Hex	328064
RGB	50, 128, 100
RGB Percent	20%, 50%, 39%
CMY	0.8039, 0.4980, 0.6078
CMYK	0.61, 0.00, 0.22, 0.50
HSL	158°, 44%, 35%
HSV	158°, 61%, 50%
XYZ	11.3348, 17.0366, 14.7476
YIQ	101.4860, -37.5000, -25.2440

Conversions

Conversions Part 2

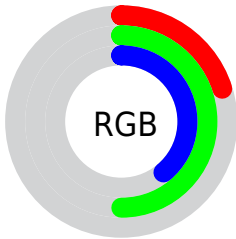
Format	Color
RYB	50, 98, 128
Decimal	3309668
CIELab	48.31, -31.07, 8.16
CIElCh	48, 32.126, 165.283
Yxy	17.0366, 0.2629, 0.3951
Android (android.graphics.Color)	4281499748 (0xFF328064)
YUV	101.4860, -0.7326, -45.1532
Hunter-Lab	41.2754, -23.2134, 7.7086

Details

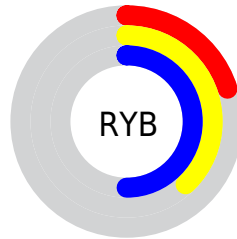
The XYZ color **11.3348, 17.0366, 14.7476** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **11.4184, 7.4208, 8.0387**, and the grayscale version is **12.5046, 13.1558, 14.3267**.

A 20% lighter version of the original color is **27.8187, 38.2252, 35.1902**, and **3.3670, 5.7058, 4.2920** is the 20% darker color. If you saturate the color by 10%, you get **10.5738, 16.6697, 13.5838**, and if you desaturate by 10%, it is **12.2858, 17.5009, 15.9866**.

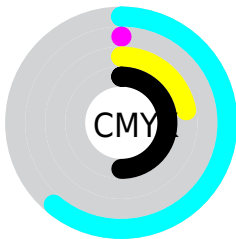
Distribution



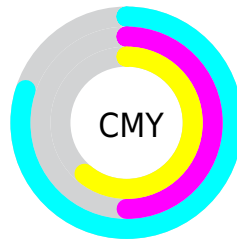
- Red (20%)
- Green (50%)
- Blue (39%)



- Red (20%)
- Yellow (38%)
- Blue (50%)



- Cyan (61%)
- Magenta (0%)
- Yellow (22%)
- Black (50%)





- Cyan (80%)
- Magenta (50%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 11.3348, 17.0366, 14.7476 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 11.3348, 17.0366, 14.7476 by changing the saturation by 10% instead.


 11.3348, 17.0366,
14.7476


 11.3348, 17.0366,
14.7476


193.8115,
235.3832, 233.4213


 6.3614, 10.2606,
8.4978


 27.9051, 38.3887,
35.1458


 3.1088, 5.5721,
4.3228

 40.2328, 53.7336,
50.1313


 1.2116, 2.5867,
1.8040

 55.7426, 72.7035,
68.8657

 0.1155, 0.9200,
0.4306

 74.8000, 95.6829,
91.7676

 0.0000, 0.0000,
0.0000

 97.7702, 123.0562,
119.2556

 125.0186,

155.2078, 151.7482

156.9106,
192.5220, 189.6639

■ 11.3348, 17.0366,
14.7476

■ 11.3348, 17.0366,
14.7476

■ 10.5738, 16.6697,
13.5838

■ 12.2858, 17.5009,
15.9866

■ 9.9860, 16.3902,
12.4922

■ 13.4391, 18.0675,
17.3011

■ 9.5540, 16.1897,
11.4712

■ 14.8073, 18.7434,
18.6934

■ 9.2445, 16.0490,
10.6035

■ 16.4017, 19.5345,
20.1648

■ 18.2329, 20.4461,
21.7168

■ 20.3107, 21.4832,
23.3508

■ 22.6442, 22.6505,
25.0683

■ 25.2423, 23.9527,
26.8704

■ 28.1133, 25.3939,
28.7586

Harmonies

Analogous

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



12.5124, 17.0366, 9.3602



11.3348, 17.0366, 14.7476



11.3461, 17.0366, 23.1331

Triad

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



11.3348, 17.0366, 14.7476



17.7226, 17.0366, 38.8574



20.4862, 17.0366, 9.2891

Complementary

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



11.3348, 17.0366, 14.7476



11.4184, 7.4208, 8.0387

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.



22.2539, 17.0366, 14.6161



11.3348, 17.0366, 14.7476



20.5322, 17.0366, 32.3658

Square

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



11.3348, 17.0366, 14.7476



14.8041, 17.0366, 38.9248



22.2717, 17.0366, 22.9554



17.6657, 17.0366, 6.9165

Rectangle

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



11.3348, 17.0366, 14.7476



12.0178, 17.0366, 29.5097



22.2717, 17.0366, 22.9554



21.2375, 17.0366, 10.7079

Sweetspot

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



11.3353, 17.0373, 14.7480



29.6501, 34.7766, 36.1777



11.4867, 17.3145, 5.7544



6.7618, 8.0526, 8.3128



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



11.3353, 17.0373, 14.7480



18.1945, 29.1469, 23.1814



11.6436, 15.1001, 22.7239



4.3829, 4.8615, 5.1877



9.1668, 15.9133, 10.5172



0.0000, 0.0000, 0.0000

Inverse Universe

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



11.4184, 7.4208, 8.0387



18.3718, 10.6457, 10.3601



11.1152, 8.0936, 3.9941



4.3866, 4.3678, 4.8403



9.3157, 4.7460, 2.9862



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 11.3348, 17.0366, 14.7476 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 11.3348, 17.0366, 14.7476 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 11.3348, 17.0366, 14.7476

Background



This preview shows how black text looks on a background with the XYZ color 11.3348, 17.0366, 14.7476.



This preview shows how white text looks on a background with the XYZ color 11.3348, 17.0366,

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

11.3348, 17.0366, 14.7476

Protanopia

15.8783, 16.8899, 12.7791

Deuteranopia

17.1279, 16.8185, 15.4403



Tritanopia

13.3032, 16.8835, 24.7480

Trichromacy



Original Color

11.3348, 17.0366, 14.7476

Protanomaly

13.4275, 16.4711, 13.5379

Deuteranomaly

14.0650, 16.4112, 15.2583

Tritanomaly

12.5297, 16.9472, 20.6999

Monochromacy



Original Color

11.3348, 17.0366, 14.7476

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

11.5131, 14.1023, 14.4271

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.3348, 17.0366, 14.7476 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(50, 128, 100)` looks like.

```
.text, #text, p{  
    color:rgb(50, 128, 100)  
}
```

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(50, 128, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 128, 100) }
```

Border

The CSS property to change the border of an element to XYZ 11.3348, 17.0366, 14.7476 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(50, 128, 100) }
```


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

```
.border{ border-color:rgb(50, 128, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 128, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 128, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 128, 100);  
box-shadow:4px 4px 4px 4px rgb(50, 128,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 11.3348, 17.0366, 14.7476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 128, 100) }
```

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

```
.background{ background-color: rgb(50, 128,  
100) }
```

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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