

Converting Colors

XYZ(17.0011, 14.1629, 57.2324)

Have a look what the booklet for
XYZ(17.0011, 14.1629, 57.2324)
contains.

XYZ(16.9911, 14.1649, 57.0969)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(16.9911, 14.1649,
57.0969)**

Conversions

Conversions Part 1

Format	Color
Hex	3E63C9
RGB	62, 99, 201
RGB Percent	24%, 39%, 79%
CMY	0.7568, 0.6118, 0.2118
CMYK	0.69, 0.51, 0.00, 0.21
HSL	224°, 56%, 52%
HSV	224°, 69%, 79%
XYZ	16.9911, 14.1649, 57.0969
YIQ	99.5650, -54.7940, 23.8780

Conversions

Conversions Part 2

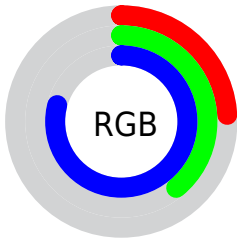
Format	Color
R _Y B	62, 91, 201
Decimal	4088777
CIE Lab	44.47, 21.02, -57.02
CIE LCh	44, 60.776, 290.238
Yxy	14.1649, 0.1925, 0.1605
Android (android.graphics.Color)	4282278857 (0xFF3E63C9)
YUV	99.5650, 50.0075, -32.9445
Hunter-Lab	37.6363, 14.7213, -63.6017

Details

The XYZ color **16.9911, 14.1649, 57.0969** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **38.2343, 39.3196, 10.1330**, and the grayscale version is **11.8906, 12.5098, 13.6232**.

A 20% lighter version of the original color is **37.2549, 33.0749, 99.0283**, and **6.4614, 4.6215, 27.7456** is the 20% darker color. If you saturate the color by 10%, you get **14.6836, 11.0869, 56.6248**, and if you desaturate by 10%, it is **20.0211, 17.9944, 57.6767**.

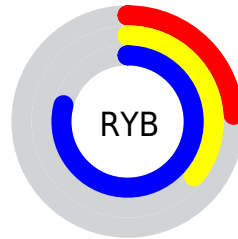
Distribution



Red (24%)

Green (39%)

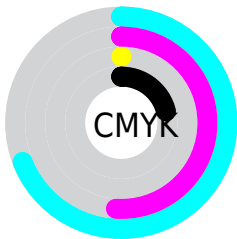
Blue (79%)



Red (24%)

Yellow (36%)

Blue (79%)

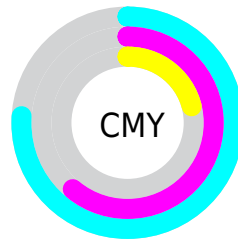


Cyan (69%)

Magenta (51%)

Yellow (0%)

Black (21%)



Cyan (76%)

Magenta (61%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.9911, 14.1649, 57.0969 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 16.9911, 14.1649, 57.0969 by changing the saturation by 10% instead.

■ 16.9911, 14.1649,
57.0969

■ 16.9911, 14.1649,
57.0969

228.2783,
218.2543, 431.3162

■ 10.3234, 8.2354,
40.6732

■ 37.8542, 33.3813,
102.1083

■ 5.6778, 4.2460,
27.7460

■ 52.7803, 47.4371,
131.5330

■ 2.6890, 1.8121,
17.8969

■ 71.1899, 64.9704,
166.1285

■ 0.9915, 0.4947,
10.7073

■ 93.4484, 86.3657,
206.3133

■ 0.0000, 0.0000,
5.7587

■ 119.9212,
112.0073, 252.5060

■ 0.0000, 0.0000,
2.6325

150.9735,

■ 0.0000, 0.0000,

142.2797, 305.1250

0.9092

186.9708,
177.5672, 364.5889

■ 0.0000, 0.0000,
0.0000

■ 16.9911, 14.1649,
57.0969

■ 16.9911, 14.1649,
57.0969

■ 14.6836, 11.0869,
56.6248

■ 20.0211, 17.9944,
57.6767

■ 13.0283, 8.7034,
56.2519

■ 23.8307, 22.6237,
58.3695

■ 11.9184, 6.9367,
55.9694

■ 28.4730, 28.0980,
59.1814

■ 11.8385, 6.8086,
55.9489

■ 33.9957, 34.4588,
60.1181

■ 40.4430, 41.7446,
61.1846

■ 47.8558, 49.9914,
62.3857

■ 56.2725, 59.2335,
63.7260

■ 65.7296, 69.5032,
65.2098

■ 76.2615, 80.8315,
66.8413

Harmonies

Analogous

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



11.9287, 14.1649, 60.2019



16.9911, 14.1649, 57.0969



22.0784, 14.1649, 39.9069

Triad

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



16.9911, 14.1649, 57.0969



20.4302, 14.1649, 2.5924



6.1511, 14.1649, 11.2869

Complementary

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



16.9911, 14.1649, 57.0969



38.2343, 39.3196, 10.1330

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.



7.4437, 14.1649, 3.8043



16.9911, 14.1649, 57.0969



15.1242, 14.1649, 1.1881

Square

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



16.9911, 14.1649, 57.0969



24.3743, 14.1649, 7.8478



10.4611, 14.1649, 1.4341



6.4189, 14.1649, 26.7616

Rectangle

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



16.9911, 14.1649, 57.0969



24.4141, 14.1649, 26.4587



10.4611, 14.1649, 1.4341



6.4026, 14.1649, 7.9827

Sweetspot

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



16.9918, 14.1653, 57.0973



66.7381, 68.6591, 104.3428



29.5690, 45.4760, 42.3110



13.6092, 13.9343, 22.2223



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



16.9918, 14.1653, 57.0973



23.5875, 16.7941, 96.6061



16.9272, 10.0663, 56.3095



10.2825, 10.7390, 13.4484



7.5086, 4.4110, 35.2000



0.4170, 0.3318, 1.6872

Inverse Universe

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



28.0628, 16.7647, 13.5614



44.4014, 23.9272, 14.2535



38.0264, 50.5089, 12.3037



10.7479, 10.6825, 11.6555



15.5893, 7.9853, 3.0472



0.7692, 0.3905, 0.3077

Previews

White Background



This preview shows how the XYZ color 16.9911, 14.1649, 57.0969 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 16.9911, 14.1649, 57.0969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

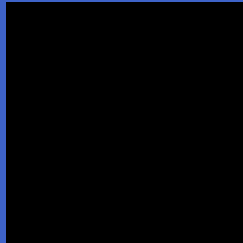
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.9911, 14.1649, 57.0969

Background



This preview shows how black text looks on a background with the XYZ color 16.9911, 14.1649, 57.0969.



This preview shows how white text looks on a background with the XYZ color 16.9911, 14.1649,

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

16.9911, 14.1649, 57.0969

Protanopia

16.4719, 14.1546, 58.3639

Deuteranopia

14.2273, 14.1032, 48.9860



Tritanopia

9.9471, 13.9715, 21.5745

Trichromacy



Original Color

16.9911, 14.1649, 57.0969

Protanomaly

16.5831, 14.0824, 57.7213

Deuteranomaly

14.8181, 13.8886, 51.7689

Tritanomaly

11.6790, 13.6339, 32.1531

Monochromacy



Original Color

16.9911, 14.1649, 57.0969

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

12.9103, 12.8989, 25.4762

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.9911, 14.1649, 57.0969 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, 99, 201)` looks like.

```
.text, #text, p{  
    color:rgb(62, 99, 201)  
}
```

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, 99, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 99, 201) }
```

Border

The CSS property to change the border of an element to XYZ 16.9911, 14.1649, 57.0969 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, 99, 201) }
```


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

```
.border{ border-color:rgb(62, 99, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 99, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 99, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 99, 201);  
box-shadow:4px 4px 4px 4px rgb(62, 99,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 16.9911, 14.1649, 57.0969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 99, 201) }
```

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

```
.background{ background-color: rgb(62, 99,  
201) }
```

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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