

Converting Colors

XYZ(17.3949, 17.1202, 29.5393)

Have a look what the booklet for
XYZ(17.3949, 17.1202, 29.5393)
contains.

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Color

**XYZ(17.4001, 17.1368,
29.5848)**

Conversions

Conversions Part 1

Format	Color
Hex	6D7192
RGB	109, 113, 146
RGB Percent	43%, 44%, 57%
CMY	0.5725, 0.5569, 0.4274
CMYK	0.25, 0.23, 0.00, 0.43
HSL	234°, 15%, 50%
HSV	234°, 25%, 57%
XYZ	17.4001, 17.1368, 29.5848
YIQ	115.5660, -12.9770, 9.4150

Conversions

Conversions Part 2

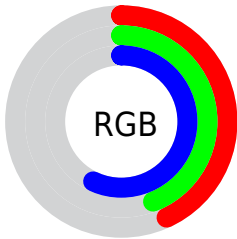
Format	Color
R _Y B	109, 113, 146
Decimal	7172498
CIE Lab	48.43, 6.18, -18.45
CIE LCh	48, 19.457, 288.525
Yxy	17.1368, 0.2714, 0.2673
Android (android.graphics.Color)	4285362578 (0xFF6D7192)
YUV	115.5660, 15.0040, -5.7584
Hunter-Lab	41.3966, 2.5842, -13.3950

Details

The XYZ color **17.4001, 17.1368, 29.5848** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **24.2876, 26.5612, 18.3152**, and the grayscale version is **16.4268, 17.2822, 18.8203**.

A 20% lighter version of the original color is **38.5784, 38.6575, 60.0719**, and **5.8193, 5.5675, 11.5944** is the 20% darker color. If you saturate the color by 10%, you get **14.4011, 13.5871, 29.0580**, and if you desaturate by 10%, it is **20.9070, 21.2586, 30.1958**.

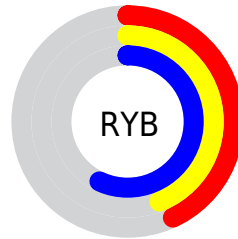
Distribution



Red (43%)

Green (44%)

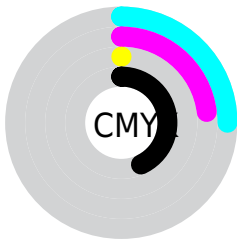
Blue (57%)



Red (43%)

Yellow (44%)

Blue (57%)

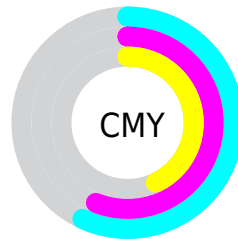


Cyan (25%)

Magenta (23%)

Yellow (0%)

Black (43%)



Cyan (57%)

Magenta (56%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4001, 17.1368, 29.5848 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 17.4001, 17.1368, 29.5848 by changing the saturation by 10% instead.

■ 17.4001, 17.1368,
29.5848

■ 17.4001, 17.1368,
29.5848

230.5792,
235.9595, 314.1111

■ 10.6172, 10.3321,
19.2743

■ 38.5506, 38.5608,
60.0582

■ 5.8755, 5.6197,
11.6898

■ 53.6489, 53.9489,
81.0581

■ 2.8094, 2.6152,
6.4129

■ 72.2497, 72.9669,
106.4582

■ 1.0538, 0.9343,
3.0249

■ 94.7184, 95.9993,
136.6771

■ 0.0000, 0.0000,
1.1074

121.4204,
123.4303, 172.1333

■ 0.0000, 0.0000,
0.0000

152.7209,

155.6444, 213.2454

188.9854,
193.0260, 260.4318

■ 17.4001, 17.1368,
29.5848

■ 17.4001, 17.1368,
29.5848

■ 14.4011, 13.5871,
29.0580

■ 20.9070, 21.2586,
30.1958

■ 11.8848, 10.5821,
28.6106

■ 24.9422, 25.9742,
30.8934

■ 9.8264, 8.0954,
28.2391

■ 29.5269, 31.3064,
31.6809

■ 8.1979, 6.0975,
27.9393

■ 34.6807, 37.2766,
32.5617

■ 6.9687, 4.5559,
27.7065

■ 40.4223, 43.9048,
33.5384

■ 6.1036, 3.4339,
27.5356

■ 46.7695, 51.2104,
34.6140

■ 5.5576, 2.6875,
27.4203

■ 53.7392, 59.2119,
35.7911

■ 5.3705, 2.4397,
27.3823

■ 61.3478, 67.9270,
37.0723

■ 69.6111, 77.3728,
38.4600

Harmonies

Analogous

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



15.6164, 17.1368, 30.0111



17.4001, 17.1368, 29.5848



18.9900, 17.1368, 25.9348

Triad

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



17.4001, 17.1368, 29.5848



18.6621, 17.1368, 12.2350



13.1581, 17.1368, 16.7758

Complementary

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



17.4001, 17.1368, 29.5848



24.2876, 26.5612, 18.3152

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.



13.8553, 17.1368, 12.8898



17.4001, 17.1368, 29.5848



16.9786, 17.1368, 10.6055

Square

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



17.4001, 17.1368, 29.5848



19.7544, 17.1368, 15.7141



15.2244, 17.1368, 10.8211



13.2528, 17.1368, 21.9507

Rectangle

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



17.4001, 17.1368, 29.5848



19.6860, 17.1368, 22.4834



15.2244, 17.1368, 10.8211



13.3054, 17.1368, 15.2950

Sweetspot

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



17.4007, 17.1375, 29.5852



41.8963, 43.3664, 54.1359



21.4447, 25.7528, 29.3076



9.0973, 9.3870, 12.0046



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



17.4007, 17.1375, 29.5852



27.8014, 26.8116, 51.6834



18.8520, 17.2376, 29.5280



5.5470, 5.7280, 7.2830



4.7350, 2.1649, 24.0993



0.0679, 0.0463, 0.2983

Inverse Universe

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



20.3038, 18.2410, 18.0743



33.7782, 29.1486, 27.9711



22.5266, 26.5530, 18.4064



5.8248, 5.8250, 6.1835



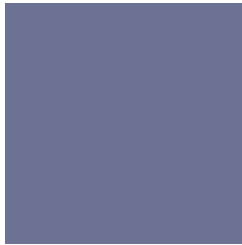
10.5171, 5.4119, 0.9381



0.1337, 0.0682, 0.0378

Previews

White Background



This preview shows how the XYZ color 17.4001, 17.1368, 29.5848 looks on a white background.

Color Contrast Check

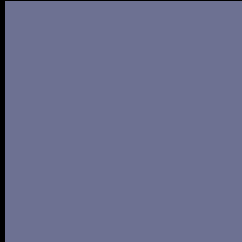
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.4001, 17.1368, 29.5848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

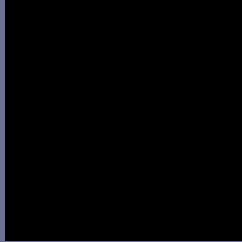
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.4001, 17.1368, 29.5848

Background



This preview shows how black text looks on a background with the XYZ color 17.4001, 17.1368, 29.5848.



This preview shows how white text looks on a background with the XYZ color 17.4001, 17.1368,

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

17.4001, 17.1368, 29.5848

Protanopia

17.2690, 17.2358, 29.6108

Deuteranopia

17.5238, 17.2006, 29.5906



Tritanopia

15.9529, 17.2322, 22.2240

Trichromacy



Original Color

17.4001, 17.1368, 29.5848

Protanomaly

17.3900, 17.2981, 29.6164

Deuteranomaly

17.5238, 17.2006, 29.5906

Tritanomaly

16.4229, 17.2484, 24.6540

Monochromacy



Original Color

17.4001, 17.1368, 29.5848

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.7716, 17.3045, 22.5348

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4001, 17.1368, 29.5848 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(109, 113, 146)` looks like.

```
.text, #text, p{  
    color:rgb(109, 113, 146)  
}
```

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(109, 113, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 113, 146) }
```

Border

The CSS property to change the border of an element to XYZ 17.4001, 17.1368, 29.5848 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(109, 113, 146) }
```


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

```
.border{ border-color:rgb(109, 113, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 113, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 113, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 113, 146);  
box-shadow:4px 4px 4px 4px rgb(109, 113,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4001, 17.1368, 29.5848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 113, 146) }
```

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

```
.background{ background-color: rgb(109,  
113, 146) }
```

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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