

Converting Colors

XYZ(17.4145, 17.2245, 30.0286)

Have a look what the booklet for
XYZ(17.4145, 17.2245, 30.0286)
contains.

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Color

**XYZ(17.4681, 17.3294,
30.0280)**

Conversions

Conversions Part 1

Format	Color
Hex	6C7293
RGB	108, 114, 147
RGB Percent	42%, 45%, 58%
CMY	0.5765, 0.5529, 0.4235
CMYK	0.27, 0.22, 0.00, 0.42
HSL	231°, 15%, 50%
HSV	231°, 27%, 58%
XYZ	17.4681, 17.3294, 30.0280
YIQ	115.9680, -14.1690, 8.9910

Conversions

Conversions Part 2

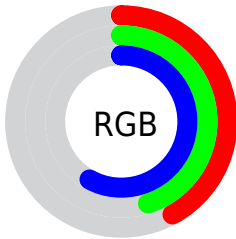
Format	Color
RYB	108, 113, 147
Decimal	7107219
CIELab	48.67, 5.51, -18.68
CIELCh	49, 19.475, 286.449
Yxy	17.3294, 0.2695, 0.2673
Android (android.graphics.Color)	4285297299 (0xFF6C7293)
YUV	115.9680, 15.2988, -6.9879
Hunter-Lab	41.6286, 2.0517, -13.6277

Details

The XYZ color **17.4681, 17.3294, 30.0280** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **24.2644, 26.3354, 17.9921**, and the grayscale version is **16.5488, 17.4107, 18.9602**.

A 20% lighter version of the original color is **38.6760, 38.9631, 60.7405**, and **5.8632, 5.6708, 11.8519** is the 20% darker color. If you saturate the color by 10%, you get **14.5200, 13.8669, 29.5154**, and if you desaturate by 10%, it is **20.9096, 21.3303, 30.6192**.

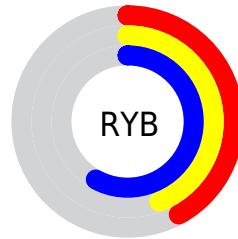
Distribution



Red (42%)

Green (45%)

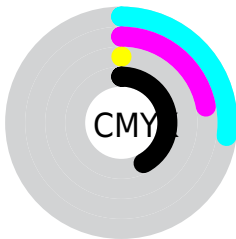
Blue (58%)



Red (42%)

Yellow (44%)

Blue (58%)

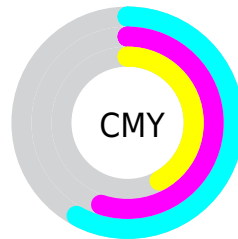


Cyan (27%)

Magenta (22%)

Yellow (0%)

Black (42%)



Cyan (58%)

Magenta (55%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4681, 17.3294, 30.0280 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 17.4681, 17.3294, 30.0280 by changing the saturation by 10% instead.

■ 17.4681, 17.3294,
30.0280

■ 17.4681, 17.3294,
30.0280

230.9597,
237.0635, 316.2463

■ 10.6662, 10.4696,
19.6076

■ 38.6661, 38.8913,
60.7680

■ 5.9085, 5.7114,
11.9289

■ 53.7929, 54.3621,
81.9247

■ 2.8296, 2.6704,
6.5733

■ 72.4253, 73.4722,
107.4972

■ 1.0643, 0.9622,
3.1224

■ 94.9287, 96.6058,
137.9041

■ 0.0000, 0.0000,
1.1574

121.6685,
124.1473, 173.5639

■ 0.0000, 0.0000,
0.0000

153.0100,

156.4812, 214.8952

189.3186,
193.9918, 262.3165

■ 17.4681, 17.3294,
30.0280

■ 17.4681, 17.3294,
30.0280

■ 14.5200, 13.8669,
29.5154

■ 20.9096, 21.3303,
30.6192

■ 12.0408, 10.9177,
29.0768

■ 24.8641, 25.8891,
31.2907

■ 10.0066, 8.4576,
28.7091

■ 29.3521, 31.0271,
32.0459

■ 8.3904, 6.4597,
28.4087

■ 34.3926, 36.7637,
32.8875

■ 7.1625, 4.8946,
28.1713

■ 40.0036, 43.1174,
33.8181

■ 6.2889, 3.7290,
27.9924

■ 46.2023, 50.1060,
34.8404

■ 5.7209, 2.9205,
27.8662

■ 53.0051, 57.7463,
35.9565

■ 5.5654, 2.7044,
27.8327

■ 60.4278, 66.0549,
37.1690

■ 68.4857, 75.0474,
38.4801

Harmonies

Analogous

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



15.6754, 17.3294, 30.2048



17.4681, 17.3294, 30.0280



19.1019, 17.3294, 26.5334

Triad

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



17.4681, 17.3294, 30.0280



18.9660, 17.3294, 12.5719



13.3378, 17.3294, 16.6458

Complementary

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



17.4681, 17.3294, 30.0280



24.2644, 26.3354, 17.9921

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.



14.0936, 17.3294, 12.8437



17.4681, 17.3294, 30.0280



17.2932, 17.3294, 10.7968

Square

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



17.4681, 17.3294, 30.0280



20.0088, 17.3294, 16.2053



15.5127, 17.3294, 10.8863



13.3771, 17.3294, 21.8092

Rectangle

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



17.4681, 17.3294, 30.0280



19.8427, 17.3294, 23.1012



15.5127, 17.3294, 10.8863



13.5048, 17.3294, 15.1877

Sweetspot

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



17.4687, 17.3301, 30.0284



43.3057, 44.9589, 55.8301



21.3890, 25.9642, 28.8893



9.6507, 9.9927, 12.7050



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



17.4687, 17.3301, 30.0284



27.9456, 27.1233, 53.1970



18.5146, 16.8971, 29.8897



5.5673, 5.7686, 7.2898



4.8374, 2.3696, 24.1335



0.0729, 0.0564, 0.3000

Inverse Universe

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



20.4329, 18.1435, 18.3455



34.2325, 28.9652, 28.3922



22.9723, 27.0188, 18.1921



5.8350, 5.8291, 6.2374



10.5688, 5.4326, 1.2103



0.1363, 0.0693, 0.0513

Previews

White Background



This preview shows how the XYZ color 17.4681, 17.3294, 30.0280 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 17.4681, 17.3294, 30.0280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

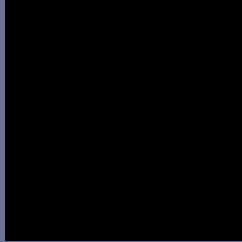
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.4681, 17.3294, 30.0280

Background



This preview shows how black text looks on a background with the XYZ color 17.4681, 17.3294, 30.0280.



This preview shows how white text looks on a background with the XYZ color 17.4681, 17.3294,

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

17.4681, 17.3294, 30.0280

Protanopia

17.3472, 17.2670, 30.0223

Deuteranopia

17.6020, 17.2318, 30.0021



Tritanopia

16.0181, 17.4322, 22.5992

Trichromacy



Original Color

17.4681, 17.3294, 30.0280

Protanomaly

17.3472, 17.2670, 30.0223

Deuteranomaly

17.4783, 17.1680, 29.9963

Tritanomaly

16.4901, 17.4471, 25.0528

Monochromacy



Original Color

17.4681, 17.3294, 30.0280

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 17.4681, 17.3294, 30.0280 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(108, 114, 147)` looks like.

```
.text, #text, p{  
    color:rgb(108, 114, 147)  
}
```

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(108, 114, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 114, 147) }
```

Border

The CSS property to change the border of an element to XYZ 17.4681, 17.3294, 30.0280 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(108, 114, 147) }
```


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

```
.border{ border-color:rgb(108, 114, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 114, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(108, 114, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(108, 114, 147); box-shadow:4px 4px 4px 4px rgb(108, 114, 147) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4681, 17.3294, 30.0280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 114, 147) }
```

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

```
.background{ background-color: rgb(108,  
114, 147) }
```

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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