

Converting Colors

XYZ(18.2024, 17.3895, 30.9267)

Have a look what the booklet for
XYZ(18.2024, 17.3895, 30.9267)
contains.

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Color

**XYZ(18.1584, 17.3357,
30.8228)**

Conversions

Conversions Part 1

Format	Color
Hex	727095
RGB	114, 112, 149
RGB Percent	45%, 44%, 58%
CMY	0.5529, 0.5608, 0.4157
CMYK	0.23, 0.25, 0.00, 0.42
HSL	243°, 15%, 51%
HSV	243°, 25%, 58%
XYZ	18.1584, 17.3357, 30.8228
YIQ	116.8160, -10.6850, 11.9310

Conversions

Conversions Part 2

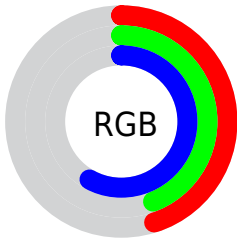
Format	Color
R _Y B	114, 112, 149
Decimal	7499925
CIE Lab	48.68, 9.18, -19.80
CIE LCh	49, 21.826, 294.864
Yxy	17.3357, 0.2738, 0.2614
Android (android.graphics.Color)	4285690005 (0xFF727095)
YUV	116.8160, 15.8667, -2.4696
Hunter-Lab	41.6362, 4.9843, -14.7464

Details

The XYZ color **18.1584, 17.3357, 30.8228** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **25.7053, 28.8682, 19.5473**, and the grayscale version is **16.8069, 17.6822, 19.2559**.

A 20% lighter version of the original color is **39.7808, 38.9697, 61.9251**, and **6.2180, 5.6725, 12.3224** is the 20% darker color. If you saturate the color by 10%, you get **14.9542, 13.4423, 30.2405**, and if you desaturate by 10%, it is **21.9183, 21.9203, 31.5098**.

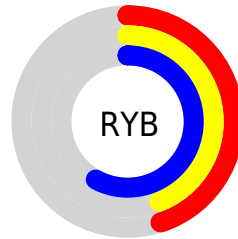
Distribution



Red (45%)

Green (44%)

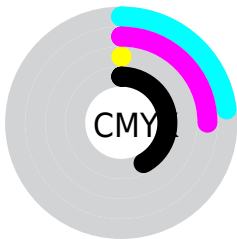
Blue (58%)



Red (45%)

Yellow (44%)

Blue (58%)

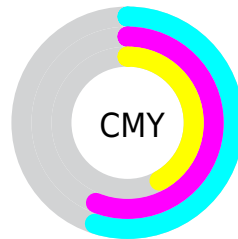


Cyan (23%)

Magenta (25%)

Yellow (0%)

Black (42%)



Cyan (55%)

Magenta (56%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1584, 17.3357, 30.8228 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 18.1584, 17.3357, 30.8228 by changing the saturation by 10% instead.

■ 18.1584, 17.3357,
30.8228

■ 18.1584, 17.3357,
30.8228

234.7907,
237.0996, 320.0470

■ 11.1641, 10.4741,
20.2066

■ 39.8350, 38.9021,
62.0373

■ 6.2455, 5.7144,
12.3598

■ 55.2481, 54.3756,
83.4727

■ 3.0370, 2.6722,
6.8637

■ 74.1982, 73.4887,
109.3515

■ 1.1733, 0.9631,
3.2998

■ 97.0506, 96.6256,
140.0924

■ 0.0852, 0.0000,
1.2497

124.1707,
124.1707, 176.1139

■ 0.0000, 0.0000,
0.0200

155.9238,

■ 0.0000, 0.0000,

156.5085, 217.8344

0.0000

192.6754,
194.0233, 265.6726

■ 18.1584, 17.3357,
30.8228

■ 18.1584, 17.3357,
30.8228

■ 14.9542, 13.4423,
30.2405

■ 21.9183, 21.9203,
31.5098

■ 12.2779, 10.2046,
29.7566

■ 26.2568, 27.2251,
32.3051

■ 10.1014, 7.5872,
29.3661

■ 31.1975, 33.2800,
33.2134

■ 8.3939, 5.5502,
29.0629

■ 36.7622, 40.1128,
34.2390

■ 7.1206, 4.0496,
28.8404

■ 42.9716, 47.7494,
35.3857

■ 6.2424, 3.0346,
28.6907

■ 49.8454, 56.2151,
36.6575

■ 5.7110, 2.4416,
28.6043

■ 57.4026, 65.5336,
38.0578

■ 5.5256, 2.2219,
28.5717

■ 65.6613, 75.7278,
39.5902

■ 74.6390, 86.8200,
41.2581

Harmonies

Analogous

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



16.1331, 17.3357, 32.2059



18.1584, 17.3357, 30.8228



19.8488, 17.3357, 25.9996

Triad

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



18.1584, 17.3357, 30.8228



18.8061, 17.3357, 11.1853



12.9154, 17.3357, 17.9008

Complementary

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



18.1584, 17.3357, 30.8228



25.7053, 28.8682, 19.5473

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.



13.5106, 17.3357, 13.1886



18.1584, 17.3357, 30.8228



16.8259, 17.3357, 9.8490

Square

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



18.1584, 17.3357, 30.8228



20.2436, 17.3357, 14.5885



14.9029, 17.3357, 10.4999



13.2094, 17.3357, 23.9298

Rectangle

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



18.1584, 17.3357, 30.8228



20.5021, 17.3357, 21.9199



14.9029, 17.3357, 10.4999



13.0166, 17.3357, 16.1271

Sweetspot

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



18.1590, 17.3364, 30.8232



45.1320, 46.4429, 57.5069



22.5645, 26.5292, 32.3654



9.9121, 10.1826, 12.7278



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.



18.1590, 17.3364, 30.8232



29.0858, 26.8706, 54.5748



20.7901, 18.6928, 30.9463



5.5268, 5.6470, 7.2684



4.6589, 1.8743, 24.0473



0.0628, 0.0259, 0.2946

Inverse Universe

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



23.4556, 20.0852, 30.2451



40.3197, 32.7022, 53.2808



22.6728, 27.3049, 19.4054



6.0219, 5.9038, 7.2216



14.4785, 6.9964, 21.7983



0.1805, 0.0870, 0.2843

Previews

White Background



This preview shows how the XYZ color 18.1584, 17.3357, 30.8228 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 18.1584, 17.3357, 30.8228 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 18.1584, 17.3357, 30.8228

Background



This preview shows how black text looks on a background with the XYZ color 18.1584, 17.3357, 30.8228.



This preview shows how white text looks on a background with the XYZ color 18.1584, 17.3357,

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

18.1584, 17.3357, 30.8228

Protanopia

17.5471, 17.3332, 31.6990

Deuteranopia

17.7488, 17.4558, 30.8676



Tritanopia

16.4417, 17.3121, 22.2137

Trichromacy



Original Color

18.1584, 17.3357, 30.8228

Protanomaly

17.7168, 17.2635, 31.2526

Deuteranomaly

17.8855, 17.3597, 30.8419

Tritanomaly

16.9894, 17.3622, 25.0101

Monochromacy



Original Color

18.1584, 17.3357, 30.8228

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

17.2956, 17.5595, 23.2466

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1584, 17.3357, 30.8228 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(114, 112, 149)` looks like.

```
.text, #text, p{  
    color:rgb(114, 112, 149)  
}
```

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(114, 112, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 112, 149) }
```

Border

The CSS property to change the border of an element to XYZ 18.1584, 17.3357, 30.8228 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(114, 112, 149) }
```


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

```
.border{ border-color:rgb(114, 112, 149) }
```

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

Here you see how a box with a 4 pixel rgb(114, 112, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 112, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 112, 149);  
box-shadow:4px 4px 4px 4px rgb(114, 112,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1584, 17.3357, 30.8228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 112, 149) }
```

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

```
.background{ background-color: rgb(114,  
112, 149) }
```

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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