

Converting Colors

XYZ(17.8576, 17.3737, 34.3580)

Have a look what the booklet for
XYZ(17.8576, 17.3737, 34.3580)
contains.

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Color

**XYZ(17.9288, 17.4722,
34.3258)**

Conversions

Conversions Part 1

Format	Color
Hex	69729D
RGB	105, 114, 157
RGB Percent	41%, 45%, 62%
CMY	0.5882, 0.5529, 0.3843
CMYK	0.33, 0.27, 0.00, 0.38
HSL	230°, 21%, 51%
HSV	230°, 33%, 62%
XYZ	17.9288, 17.4722, 34.3258
YIQ	116.2110, -19.1670, 11.4650

Conversions

Conversions Part 2

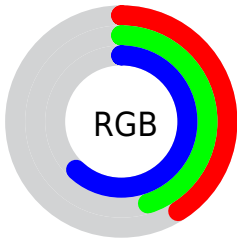
Format	Color
R_{YB}	105, 113, 157
Decimal	6910621
CIE Lab	48.85, 7.23, -24.31
CIE LCh	49, 25.361, 286.561
Yxy	17.4722, 0.2571, 0.2506
Android (android.graphics.Color)	4285100701 (0xFF69729D)
YUV	116.2110, 20.1090, -9.8320
Hunter-Lab	41.7998, 3.4128, -19.4289

Details

The XYZ color **17.9288, 17.4722, 34.3258** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **27.0447, 29.3681, 17.6084**, and the grayscale version is **16.6101, 17.4751, 19.0304**.

A 20% lighter version of the original color is **39.6204, 39.2950, 67.7838**, and **6.0736, 5.7286, 14.1502** is the 20% darker color. If you saturate the color by 10%, you get **14.8903, 13.8843, 33.7937**, and if you desaturate by 10%, it is **21.5168, 21.6527, 34.9439**.

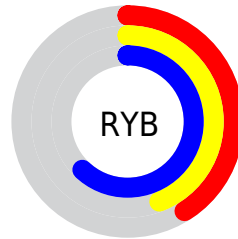
Distribution



Red (41%)

Green (45%)

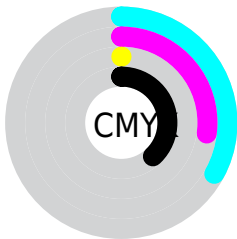
Blue (62%)



Red (41%)

Yellow (44%)

Blue (62%)

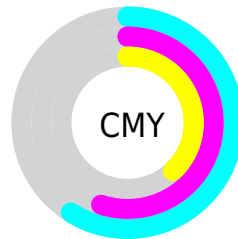


Cyan (33%)

Magenta (27%)

Yellow (0%)

Black (38%)



Cyan (59%)

Magenta (55%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9288, 17.4722, 34.3258 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 17.9288, 17.4722, 34.3258 by changing the saturation by 10% instead.

■ 17.9288, 17.4722,
34.3258

■ 17.9288, 17.4722,
34.3258

233.5228,
237.8790, 336.3957

■ 10.9983, 10.5717,
22.8646

■ 39.4470, 39.1359,
67.5797

■ 6.1330, 5.7796,
14.2892

■ 54.7654, 54.6679,
90.2094

■ 2.9675, 2.7116,
8.1810

■ 73.6104, 73.8459,
117.3991

■ 1.1366, 0.9831,
4.1216

■ 96.3474, 97.0542,
149.5673

■ 0.0554, 0.0000,
1.6923

123.3418,
124.6773, 187.1326

■ 0.0000, 0.0000,
0.3554

154.9589,

■ 0.0000, 0.0000,

157.0995, 230.5133

0.0000

191.5641,
194.7053, 280.1282

■ 17.9288, 17.4722,
34.3258

■ 17.9288, 17.4722,
34.3258

■ 14.8903, 13.8843,
33.7937

■ 21.5168, 21.6527,
34.9439

■ 12.3721, 10.8600,
33.3427

■ 25.6780, 26.4490,
35.6504

■ 10.3449, 8.3705,
32.9690

■ 30.4370, 31.8858,
36.4490

■ 8.7755, 6.3839,
32.6683

■ 35.8163, 37.9855,
37.3428

■ 7.6268, 4.8647,
32.4356

■ 41.8372, 44.7697,
38.3349

■ 6.8554, 3.7723,
32.2654

■ 48.5201, 52.2588,
39.4282

■ 6.4818, 3.2262,
32.1797

■ 55.8844, 60.4723,
40.6255

■ 63.9488, 69.4293,
41.9293

■ 72.7311, 79.1477,
43.3423

Harmonies

Analogous

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



15.5783, 17.4722, 34.5970



17.9288, 17.4722, 34.3258



20.1099, 17.4722, 29.3856

Triad

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



17.9288, 17.4722, 34.3258



19.9127, 17.4722, 11.0877



12.5870, 17.4722, 16.1714

Complementary

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



17.9288, 17.4722, 34.3258



27.0447, 29.3681, 17.6084

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.



13.5362, 17.4722, 11.4393



17.9288, 17.4722, 34.3258



17.6796, 17.4722, 9.0068

Square

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



17.9288, 17.4722, 34.3258



21.3271, 17.4722, 15.5678



15.3514, 17.4722, 9.1182



12.6400, 17.4722, 22.9578

Rectangle

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



17.9288, 17.4722, 34.3258



21.1087, 17.4722, 24.6521



15.3514, 17.4722, 9.1182



12.7953, 17.4722, 14.3256

Sweetspot

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



17.9294, 17.4729, 34.3262



48.3687, 50.0969, 64.2471



23.1863, 29.2389, 32.2182



10.4080, 10.7542, 14.0976



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



17.9294, 17.4729, 34.3262



27.8600, 26.2826, 60.7314



19.0886, 16.6368, 34.1037



6.3730, 6.6117, 8.3470



5.2844, 2.6603, 26.1422



0.1171, 0.0928, 0.4750

Inverse Universe

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



21.9940, 18.4867, 18.3294



36.3918, 28.6474, 27.0996



25.5125, 30.7561, 17.9571



6.6776, 6.6640, 7.1534



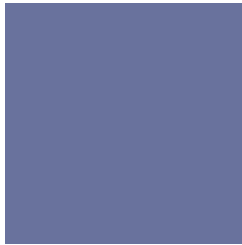
11.4655, 5.8908, 1.4365



0.2164, 0.1099, 0.0859

Previews

White Background



This preview shows how the XYZ color 17.9288, 17.4722, 34.3258 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 17.9288, 17.4722, 34.3258 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

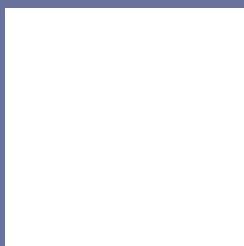
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.9288, 17.4722, 34.3258

Background



This preview shows how black text looks on a background with the XYZ color 17.9288, 17.4722, 34.3258.



This preview shows how white text looks on a background with the XYZ color 17.9288, 17.4722,

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

17.9288, 17.4722, 34.3258

Protanopia

17.6966, 17.3525, 34.3149

Deuteranopia

17.8120, 17.4120, 34.3203



Tritanopia

15.7049, 17.4313, 23.3057

Trichromacy



Original Color

17.9288, 17.4722, 34.3258

Protanomaly

17.8120, 17.4120, 34.3203

Deuteranomaly

17.8120, 17.4120, 34.3203

Tritanomaly

16.3883, 17.3534, 26.9119

Monochromacy



Original Color

17.9288, 17.4722, 34.3258

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.9096, 17.3449, 23.9294

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9288, 17.4722, 34.3258 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(105, 114, 157)` looks like.

```
.text, #text, p{  
    color:rgb(105, 114, 157)  
}
```

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(105, 114, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 114, 157) }
```

Border

The CSS property to change the border of an element to XYZ 17.9288, 17.4722, 34.3258 is called "border". The border property can be set on classes, ids or directly on the HTML element.

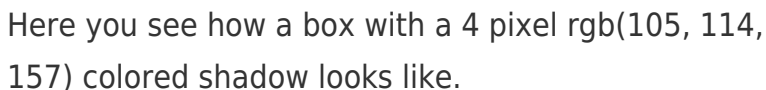
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(105, 114, 157) }
```


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

```
.border{ border-color:rgb(105, 114, 157) }
```

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



Here you see how a box with a 4 pixel `rgb(105, 114, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(105, 114, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(105, 114, 157); box-shadow:4px 4px 4px 4px rgb(105, 114, 157) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9288, 17.4722, 34.3258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 114, 157) }
```

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

```
.background{ background-color: rgb(105,  
114, 157) }
```

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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