

Converting Colors

XYZ(17.6180, 17.3292, 28.0912)

Have a look what the booklet for
XYZ(17.6180, 17.3292, 28.0912)
contains.

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Color

**XYZ(17.5977, 17.2740,
27.9979)**

Conversions

Conversions Part 1

Format	Color
Hex	71718E
RGB	113, 113, 142
RGB Percent	44%, 44%, 56%
CMY	0.5569, 0.5569, 0.4431
CMYK	0.20, 0.20, 0.00, 0.44
HSL	240°, 11%, 50%
HSV	240°, 20%, 56%
XYZ	17.5977, 17.2740, 27.9979
YIQ	116.3060, -9.3090, 9.0190

Conversions

Conversions Part 2

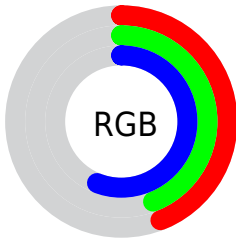
Format	Color
RYB	113, 113, 142
Decimal	7434638
CIELab	48.60, 6.51, -15.79
CIElCh	49, 17.085, 292.411
Yxy	17.2740, 0.2799, 0.2748
Android (android.graphics.Color)	4285624718 (0xFF71718E)
YUV	116.3060, 12.6671, -2.8994
Hunter-Lab	41.5620, 2.8449, -10.8468

Details

The XYZ color **17.5977, 17.2740, 27.9979** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **23.8091, 26.2891, 19.4427**, and the grayscale version is **16.6592, 17.5268, 19.0866**.

A 20% lighter version of the original color is **38.9360, 38.8951, 57.6799**, and **6.0020, 5.6771, 10.9047** is the 20% darker color. If you saturate the color by 10%, you get **14.4497, 13.4809, 27.4320**, and if you desaturate by 10%, it is **21.2806, 21.7116, 28.6606**.

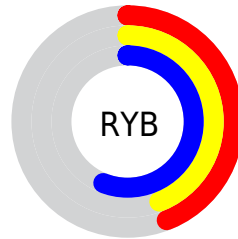
Distribution



Red (44%)

Green (44%)

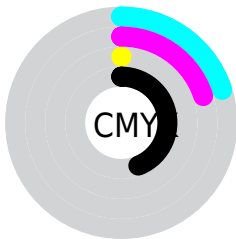
Blue (56%)



Red (44%)

Yellow (44%)

Blue (56%)

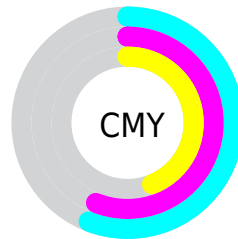


Cyan (20%)

Magenta (20%)

Yellow (0%)

Black (44%)



Cyan (56%)

Magenta (56%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5977, 17.2740, 27.9979 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 17.5977, 17.2740, 27.9979 by changing the saturation by 10% instead.

■ 17.5977, 17.2740,
27.9979

■ 17.5977, 17.2740,
27.9979

231.6833,
236.7464, 306.3685

■ 10.7595, 10.4300,
18.0850

■ 38.8861, 38.7963,
57.5041

■ 5.9714, 5.6850,
10.8410

■ 54.0670, 54.2434,
77.9346

■ 2.8682, 2.6545,
5.8472

■ 72.7595, 73.3270,
102.7081

■ 1.0845, 0.9541,
2.6851

■ 95.3289, 96.4315,
132.2430

■ 0.0121, 0.0000,
0.9359

122.1406,
123.9413, 166.9580

■ 0.0000, 0.0000,
0.0000

153.5601,

156.2408, 207.2715

189.9525,
193.7144, 253.6022

■ 17.5977, 17.2740,
27.9979

■ 17.5977, 17.2740,
27.9979

■ 14.4497, 13.4809,
27.4320

■ 21.2806, 21.7116,
28.6606

■ 11.8102, 10.3005,
26.9572

■ 25.5198, 26.8195,
29.4231

■ 9.6529, 7.7011,
26.5692

■ 30.3376, 32.6247,
30.2897

■ 7.9488, 5.6478,
26.2626

■ 35.7548, 39.1519,
31.2641

■ 6.6656, 4.1016,
26.0318

■ 41.7908, 46.4249,
32.3498

■ 5.7667, 3.0184,
25.8701

■ 48.4645, 54.4660,
33.5501

■ 5.2093, 2.3468,
25.7699

■ 55.7936, 63.2970,
34.8684

■ 4.8826, 1.9531,
25.7111

■ 63.7954, 72.9386,
36.3076

■ 72.4866, 83.4107,
37.8709

Harmonies

Analogous

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



16.0225, 17.2740, 28.7580



17.5977, 17.2740, 27.9979



18.9314, 17.2740, 24.5973

Triad

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



17.5977, 17.2740, 27.9979



18.3317, 17.2740, 12.7501



13.6013, 17.2740, 17.6884

Complementary

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



17.5977, 17.2740, 27.9979



23.8091, 26.2891, 19.4427

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.



14.1383, 17.2740, 14.0075



17.5977, 17.2740, 27.9979



16.8208, 17.2740, 11.4677

Square

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



17.5977, 17.2740, 27.9979



19.3737, 17.2740, 15.6980



15.2930, 17.2740, 11.8882



13.7801, 17.2740, 22.3048

Rectangle

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



17.5977, 17.2740, 27.9979



19.4709, 17.2740, 21.5470



15.2930, 17.2740, 11.8882



13.7029, 17.2740, 16.3124

Sweetspot

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



17.5982, 17.2747, 27.9983



40.6156, 42.0088, 51.0957



21.3297, 24.7956, 29.0634



8.9814, 9.2741, 11.3962



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



17.5982, 17.2747, 27.9983



28.0872, 26.9131, 48.8423



19.5429, 18.2771, 28.0893



5.1296, 5.2550, 6.7727



4.3838, 1.7536, 23.0845



0.0419, 0.0168, 0.2207

Inverse Universe

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



20.0416, 18.7538, 18.1871



33.2828, 30.0583, 27.9793



21.5536, 25.1265, 19.3372



5.4089, 5.4241, 5.6513



10.0159, 5.1634, 0.4689



0.0958, 0.0494, 0.0045

Previews

White Background



This preview shows how the XYZ color 17.5977, 17.2740, 27.9979 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 17.5977, 17.2740, 27.9979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

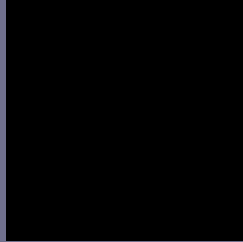
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.5977, 17.2740, 27.9979

Background



This preview shows how black text looks on a background with the XYZ color 17.5977, 17.2740, 27.9979.



This preview shows how white text looks on a background with the XYZ color 17.5977, 17.2740,

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

17.5977, 17.2740, 27.9979

Protanopia

17.2819, 17.2690, 28.4090

Deuteranopia

17.5977, 17.2740, 27.9979



Tritanopia

16.3775, 17.2864, 21.8755

Trichromacy



Original Color

17.5977, 17.2740, 27.9979

Protanomaly

17.4056, 17.3328, 28.4148

Deuteranomaly

17.5977, 17.2740, 27.9979

Tritanomaly

16.7830, 17.2797, 23.9235

Monochromacy



Original Color

17.5977, 17.2740, 27.9979

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.9026, 17.3870, 21.8672

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5977, 17.2740, 27.9979 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(113, 113, 142)` looks like.

```
.text, #text, p{  
    color:rgb(113, 113, 142)  
}
```

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(113, 113, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 113, 142) }
```

Border

The CSS property to change the border of an element to XYZ 17.5977, 17.2740, 27.9979 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(113, 113, 142) }
```


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

```
.border{ border-color:rgb(113, 113, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 113, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 113, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 113, 142);  
box-shadow:4px 4px 4px 4px rgb(113, 113,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5977, 17.2740, 27.9979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 113, 142) }
```

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

```
.background{ background-color: rgb(113,  
113, 142) }
```

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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