

Converting Colors

XYZ(17.7797, 17.7312, 27.3931)

Have a look what the booklet for
XYZ(17.7797, 17.7312, 27.3931)
contains.

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Color

**XYZ(17.8038, 17.7323,
27.2953)**

Conversions

Conversions Part 1

Format	Color
Hex	72738C
RGB	114, 115, 140
RGB Percent	45%, 45%, 55%
CMY	0.5529, 0.5490, 0.4510
CMYK	0.19, 0.18, 0.00, 0.45
HSL	238°, 10%, 50%
HSV	238°, 19%, 55%
XYZ	17.8038, 17.7323, 27.2953
YIQ	117.5510, -8.6210, 7.5630

Conversions

Conversions Part 2

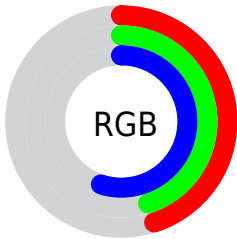
Format	Color
R_{YB}	114, 115, 140
Decimal	7500684
CIE Lab	49.17, 5.18, -13.75
CIE LCh	49, 14.689, 290.651
Yxy	17.7323, 0.2834, 0.2822
Android (android.graphics.Color)	4285690764 (0xFF72738C)
YUV	117.5510, 11.0674, -3.1142
Hunter-Lab	42.1097, 1.7769, -8.9546

Details

The XYZ color **17.8038, 17.7323, 27.2953** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **23.0853, 25.2557, 19.5782**, and the grayscale version is **17.0486, 17.9365, 19.5328**.

A 20% lighter version of the original color is **39.2822, 39.6395, 56.6197**, and **6.0994, 5.9107, 10.4923** is the 20% darker color. If you saturate the color by 10%, you get **14.6958, 14.0157, 26.7420**, and if you desaturate by 10%, it is **21.4158, 22.0424, 27.9371**.

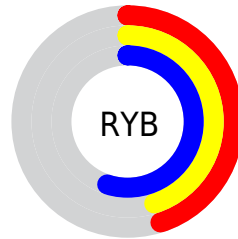
Distribution



Red (45%)

Green (45%)

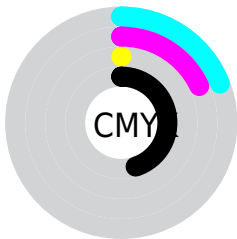
Blue (55%)



Red (45%)

Yellow (45%)

Blue (55%)

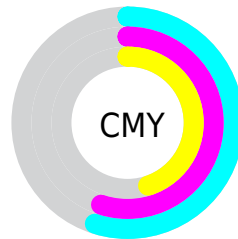


Cyan (19%)

Magenta (18%)

Yellow (0%)

Black (45%)



Cyan (55%)

Magenta (55%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.8038, 17.7323, 27.2953 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 17.8038, 17.7323, 27.2953 by changing the saturation by 10% instead.

■ 17.8038, 17.7323,
27.2953

■ 17.8038, 17.7323,
27.2953

232.8299,
239.3578, 302.8894

■ 10.9081, 10.7580,
17.5607

■ 39.2354, 39.5806,
56.3669

■ 6.0719, 5.9043,
10.4689

■ 54.5020, 55.2234,
76.5409

■ 2.9299, 2.7870,
5.6013

■ 73.2896, 74.5245,
101.0319

■ 1.1168, 1.0216,
2.5394

■ 95.9635, 97.8682,
130.2583

■ 0.0391, 0.0000,
0.8609

122.8892,
125.6390, 164.6387

■ 0.0000, 0.0000,
0.0000

154.4319,

158.2213, 204.5917

190.9570,
195.9994, 250.5357

■ 17.8038, 17.7323,
27.2953

■ 17.8038, 17.7323,
27.2953

■ 14.6958, 14.0157,
26.7420

■ 21.4158, 22.0424,
27.9371

■ 12.0679, 10.8646,
26.2723

■ 25.5511, 26.9681,
28.6699

■ 9.8966, 8.2519,
25.8824

■ 30.2300, 32.5330,
29.4975

■ 8.1559, 6.1474,
25.5680

■ 35.4712, 38.7588,
30.4229

■ 6.8170, 4.5182,
25.3241

■ 41.2925, 45.6664,
31.4494

■ 5.8479, 3.3271,
25.1452

■ 47.7109, 53.2755,
32.5798

■ 5.2114, 2.5317,
25.0253

■ 54.7428, 61.6050,
33.8170

■ 4.8381, 2.0651,
24.9549

■ 62.4039, 70.6734,
35.1636

■ 4.7922, 2.0105,
24.9468

■ 70.7092, 80.4982,
36.6222

Harmonies

Analogous

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



16.4281, 17.7323, 27.7844



17.8038, 17.7323, 27.2953



18.9824, 17.7323, 24.5175

Triad

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



17.8038, 17.7323, 27.2953



18.5866, 17.7323, 14.0239



14.3774, 17.7323, 18.1033

Complementary

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



17.8038, 17.7323, 27.2953



23.0853, 25.2557, 19.5782

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.



14.8910, 17.7323, 14.8933



17.8038, 17.7323, 27.2953



17.2872, 17.7323, 12.7582

Square

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



17.8038, 17.7323, 27.2953



19.4512, 17.7323, 16.7581



15.9386, 17.7323, 13.0532



14.4990, 17.7323, 22.1030

Rectangle

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



17.8038, 17.7323, 27.2953



19.4738, 17.7323, 21.9265



15.9386, 17.7323, 13.0532



14.4804, 17.7323, 16.9057

Sweetspot

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



17.8044, 17.7330, 27.2957



39.4521, 40.8820, 49.5546



20.9562, 24.1893, 27.8762



9.0010, 9.3133, 11.4027



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.



17.8044, 17.7330, 27.2957



29.1527, 28.5908, 47.7250



19.3114, 18.3414, 27.3337



4.7891, 4.9211, 6.3033



4.2614, 1.7932, 22.1672



0.0301, 0.0154, 0.1478

Inverse Universe

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



19.9275, 18.8484, 18.8082



33.5642, 30.9199, 30.0874



21.3630, 24.5839, 19.5393



5.0402, 5.0515, 5.3000



9.6378, 4.9652, 0.5970



0.0649, 0.0333, 0.0087

Previews

White Background



This preview shows how the XYZ color 17.8038, 17.7323, 27.2953 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 17.8038, 17.7323, 27.2953 looks on a black 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

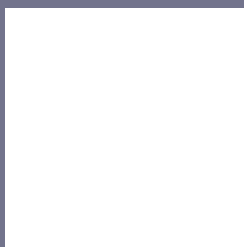
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.8038, 17.7323, 27.2953

Background



This preview shows how black text looks on a background with the XYZ color 17.8038, 17.7323, 27.2953.



This preview shows how white text looks on a background with the XYZ color 17.8038, 17.7323,

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

17.8038, 17.7323, 27.2953

Protanopia

17.5346, 17.7637, 27.3155

Deuteranopia

18.0871, 17.7100, 27.2760



Tritanopia

16.8741, 17.6996, 22.6057

Trichromacy



Original Color

17.8038, 17.7323, 27.2953

Protanomaly

17.6611, 17.8290, 27.3214

Deuteranomaly

17.9534, 17.6411, 27.2698

Tritanomaly

17.2203, 17.6674, 24.3323

Monochromacy



Original Color

17.8038, 17.7323, 27.2953

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.4633, 18.0108, 22.2947

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.8038, 17.7323, 27.2953 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, 115, 140)` looks like.

```
.text, #text, p{  
    color:rgb(114, 115, 140)  
}
```

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, 115, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 115, 140) }
```

Border

The CSS property to change the border of an element to XYZ 17.8038, 17.7323, 27.2953 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, 115, 140) }
```


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

```
.border{ border-color:rgb(114, 115, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 115, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 115, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 115, 140);  
box-shadow:4px 4px 4px 4px rgb(114, 115,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 17.8038, 17.7323, 27.2953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 115, 140) }
```

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

```
.background{ background-color: rgb(114,  
115, 140) }
```

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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