

Converting Colors

XYZ(17.8818, 17.3814, 27.1389)

Have a look what the booklet for
XYZ(17.8818, 17.3814, 27.1389)
contains.

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Color

**XYZ(17.9749, 17.4856,
27.2386)**

Conversions

Conversions Part 1

Format	Color
Hex	75718C
RGB	117, 113, 140
RGB Percent	46%, 44%, 55%
CMY	0.5412, 0.5569, 0.4510
CMYK	0.16, 0.19, 0.00, 0.45
HSL	249°, 11%, 50%
HSV	249°, 19%, 55%
XYZ	17.9749, 17.4856, 27.2386
YIQ	117.2740, -6.2830, 9.2450

Conversions

Conversions Part 2

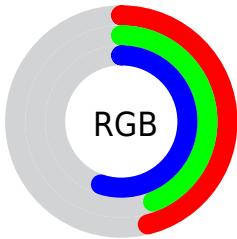
Format	Color
R_{YB}	117, 113, 140
Decimal	7696780
CIE Lab	48.87, 7.40, -14.18
CIE LCh	49, 15.997, 297.565
Yxy	17.4856, 0.2867, 0.2789
Android (android.graphics.Color)	4285886860 (0xFF75718C)
YUV	117.2740, 11.2039, -0.2403
Hunter-Lab	41.8158, 3.5522, -9.3502

Details

The XYZ color **17.9749, 17.4856, 27.2386** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **22.5125, 25.1830, 19.2978**, and the grayscale version is **16.9616, 17.8450, 19.4332**.

A 20% lighter version of the original color is **39.5549, 39.2403, 56.5283**, and **6.1197, 5.7477, 10.4597** is the 20% darker color. If you saturate the color by 10%, you get **15.0303, 13.8255, 26.6876**, and if you desaturate by 10%, it is **21.3657, 21.7344, 27.8803**.

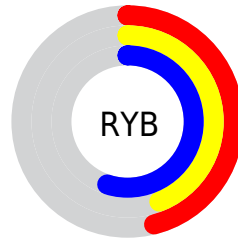
Distribution



Red (46%)

Green (44%)

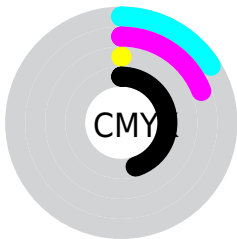
Blue (55%)



Red (46%)

Yellow (44%)

Blue (55%)

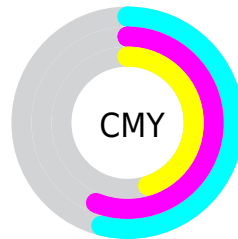


Cyan (16%)

Magenta (19%)

Yellow (0%)

Black (45%)



Cyan (54%)

Magenta (56%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9749, 17.4856, 27.2386 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 17.9749, 17.4856, 27.2386 by changing the saturation by 10% instead.

■ 17.9749, 17.4856,
27.2386

■ 17.9749, 17.4856,
27.2386

233.7778,
237.9554, 302.6072

■ 11.0315, 10.5813,
17.5185

■ 39.5250, 39.1588,
56.2749

■ 6.1555, 5.7861,
10.4390

■ 54.8624, 54.6966,
76.4281

■ 2.9814, 2.7154,
5.5816

■ 73.7286, 73.8809,
100.8962

■ 1.1439, 0.9850,
2.5277

■ 96.4888, 97.0962,
130.0976

■ 0.0614, 0.0000,
0.8548

123.5085,
124.7269, 164.4508

■ 0.0000, 0.0000,
0.0000

155.1530,

157.1575, 204.3745

191.7877,
194.7721, 250.2871

■ 17.9749, 17.4856,
27.2386

■ 17.9749, 17.4856,
27.2386

■ 15.0303, 13.8255,
26.6876

■ 21.3657, 21.7344,
27.8803

■ 12.5117, 10.7258,
26.2221

■ 25.2187, 26.5940,
28.6152

■ 10.3996, 8.1594,
25.8380

■ 29.5509, 32.0880,
29.4473

■ 8.6723, 6.0960,
25.5308

■ 34.3783, 38.2384,
30.3800

■ 7.3062, 4.5022,
25.2951

■ 39.7157, 45.0657,
31.4165

■ 6.2749, 3.3403,
25.1252

■ 45.5776, 52.5898,
32.5599

■ 5.5484, 2.5671,
25.0143

■ 51.9779, 60.8298,
33.8130

■ 5.0665, 2.0812,
24.9459

■ 58.9299, 69.8038,
35.1788

■ 5.0374, 2.0501,
24.9414

■ 66.4464, 79.5296,
36.6599

Harmonies

Analogous

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



16.4986, 17.4856, 28.4235



17.9749, 17.4856, 27.2386



19.1454, 17.4856, 23.7655

Triad

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



17.9749, 17.4856, 27.2386



18.1970, 17.4856, 12.9424



13.9292, 17.4856, 18.6938

Complementary

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



17.9749, 17.4856, 27.2386



22.5125, 25.1830, 19.2978

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.



14.3262, 17.4856, 14.9845



17.9749, 17.4856, 27.2386



16.7410, 17.4856, 11.9872

Square

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



17.9749, 17.4856, 27.2386



19.2789, 17.4856, 15.5029



15.3341, 17.4856, 12.6758



14.2167, 17.4856, 23.0753

Rectangle

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



17.9749, 17.4856, 27.2386



19.5639, 17.4856, 20.8529



15.3341, 17.4856, 12.6758



13.9865, 17.4856, 17.3332

Sweetspot

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



17.9754, 17.4863, 27.2390



39.7240, 40.9055, 49.5448



20.4048, 23.1258, 28.1995



9.0689, 9.3192, 11.4002



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.



17.9754, 17.4863, 27.2390



29.4165, 27.9943, 47.5960



19.8606, 18.4581, 27.3272



4.8392, 4.9255, 6.3015



4.4873, 1.8274, 22.1619



0.0374, 0.0161, 0.1476

Inverse Universe

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



21.1648, 19.1639, 25.8766



36.0859, 31.5041, 44.6754



20.5133, 24.1524, 19.2042



5.2025, 5.1165, 6.1551



12.5881, 6.1454, 16.1330



0.0876, 0.0424, 0.1283

Previews

White Background



This preview shows how the XYZ color 17.9749, 17.4856, 27.2386 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 17.9749, 17.4856, 27.2386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

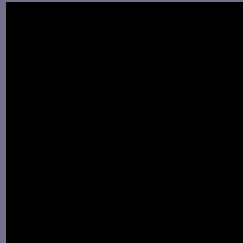
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.9749, 17.4856, 27.2386

Background



This preview shows how black text looks on a background with the XYZ color 17.9749, 17.4856, 27.2386.



This preview shows how white text looks on a background with the XYZ color 17.9749, 17.4856,

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

17.9749, 17.4856, 27.2386

Protanopia

17.3689, 17.4996, 27.6616

Deuteranopia

17.8412, 17.4167, 27.2324



Tritanopia

16.8865, 17.5489, 21.8993

Trichromacy



Original Color

17.9749, 17.4856, 27.2386

Protanomaly

17.6351, 17.4684, 27.6416

Deuteranomaly

17.8412, 17.4167, 27.2324

Tritanomaly

17.2302, 17.5180, 23.5923

Monochromacy



Original Color

17.9749, 17.4856, 27.2386

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

17.2832, 17.7534, 21.9179

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9749, 17.4856, 27.2386 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(117, 113, 140)` looks like.

```
.text, #text, p{  
    color:rgb(117, 113, 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(117, 113, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 113, 140) }
```

Border

The CSS property to change the border of an element to XYZ 17.9749, 17.4856, 27.2386 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(117, 113, 140) }
```


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

```
.border{ border-color:rgb(117, 113, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 113, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 113, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 113, 140);  
box-shadow:4px 4px 4px 4px rgb(117, 113,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9749, 17.4856, 27.2386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 113, 140) }
```

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

```
.background{ background-color: rgb(117,  
113, 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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