

Converting Colors

XYZ(17.9601, 17.4466, 22.6709)

Have a look what the booklet for
XYZ(17.9601, 17.4466, 22.6709)
contains.

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Color

**XYZ(18.0026, 17.4319,
22.8379)**

Conversions

Conversions Part 1

Format	Color
Hex	7C7080
RGB	124, 112, 128
RGB Percent	49%, 44%, 50%
CMY	0.5137, 0.5608, 0.4980
CMYK	0.03, 0.12, 0.00, 0.50
HSL	285°, 7%, 47%
HSV	285°, 12%, 50%
XYZ	18.0026, 17.4319, 22.8379
YIQ	117.4120, 2.0160, 7.5200

Conversions

Conversions Part 2

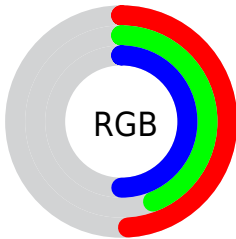
Format	Color
R_{YB}	124, 112, 128
Decimal	8155264
CIE Lab	48.80, 7.84, -7.11
CIE LCh	49, 10.579, 317.795
Yxy	17.4319, 0.3089, 0.2991
Android (android.graphics.Color)	4286345344 (0xFF7C7080)
YUV	117.4120, 5.2199, 5.7777
Hunter-Lab	41.7515, 3.9012, -3.2053

Details

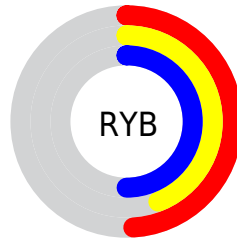
The XYZ color **18.0026, 17.4319, 22.8379** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.8469, 20.3216, 18.3119**, and the grayscale version is **17.0206, 17.9070, 19.5008**.

A 20% lighter version of the original color is **39.7474, 39.2342, 49.1941**, and **6.1463, 5.7272, 8.1786** is the 20% darker color. If you saturate the color by 10%, you get **16.2346, 14.5712, 22.3792**, and if you desaturate by 10%, it is **19.9874, 20.7034, 23.3650**.

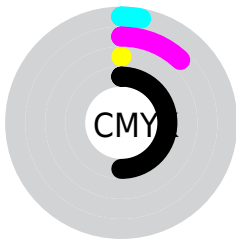
Distribution



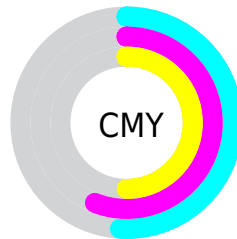
- Red (49%)
- Green (44%)
- Blue (50%)



- Red (49%)
- Yellow (44%)
- Blue (50%)



- Cyan (3%)
- Magenta (12%)
- Yellow (0%)
- Black (50%)



- Cyan (51%)
- Magenta (56%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.0026, 17.4319, 22.8379 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 18.0026, 17.4319, 22.8379 by changing the saturation by 10% instead.

■ 18.0026, 17.4319,
22.8379

■ 18.0026, 17.4319,
22.8379

233.9310,
237.6491, 279.9862

■ 11.0516, 10.5429,
14.2697

■ 39.5718, 39.0669,
49.0468

■ 6.1691, 5.7604,
8.1676

■ 54.9207, 54.5817,
67.5246

■ 2.9898, 2.6999,
4.1131

■ 73.7995, 73.7405,
90.1427

■ 1.1484, 0.9772,
1.6876

■ 96.5737, 96.9277,
117.3196

■ 0.0650, 0.0000,
0.3522

123.6086,
124.5279, 149.4739

■ 0.0000, 0.0000,
0.0000

155.2695,

156.9252, 187.0240

191.9219,
194.5042, 230.3886

■ 18.0026, 17.4319,
22.8379

■ 18.0026, 17.4319,
22.8379

■ 16.2346, 14.5712,
22.3792

■ 19.9874, 20.7034,
23.3650

■ 14.6734, 12.1022,
21.9849

■ 22.1956, 24.3994,
23.9620

■ 13.3102, 10.0075,
21.6524

■ 24.6353, 28.5357,
24.6318

■ 12.1353, 8.2675,
21.3785

■ 27.3137, 33.1268,
25.3768

■ 11.1377, 6.8607,
21.1595

■ 30.2379, 38.1861,
26.1993

■ 10.3055, 5.7636,
20.9916

■ 33.4144, 43.7269,
27.1013

■ 9.6251, 4.9492,
20.8703

■ 36.8497, 49.7616,
28.0851

■ 9.0807, 4.3859,
20.7903

■ 40.5499, 56.3026,
29.1526

■ 8.7200, 4.0452,
20.7435

■ 44.5209, 63.3613,
30.3058

Harmonies

Analogous

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



17.1506, 17.4319, 24.5911



18.0026, 17.4319, 22.8379



18.4776, 17.4319, 20.1433

Triad

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



18.0026, 17.4319, 22.8379



16.9697, 17.4319, 14.1830



14.8397, 17.4319, 20.6764

Complementary

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



18.0026, 17.4319, 22.8379



17.8469, 20.3216, 18.3119

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.



14.7956, 17.4319, 17.8631



18.0026, 17.4319, 22.8379



15.9998, 17.4319, 14.2954

Square

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



18.0026, 17.4319, 22.8379



17.8657, 17.4319, 15.2599



15.2127, 17.4319, 15.5837



15.3356, 17.4319, 23.2611

Rectangle

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



18.0026, 17.4319, 22.8379



18.5047, 17.4319, 18.2584



15.2127, 17.4319, 15.5837



14.7723, 17.4319, 19.7211

Sweetspot

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



18.0031, 17.4326, 22.8383



34.6077, 35.4839, 40.9813



16.8552, 17.5563, 22.9227



8.0465, 8.2148, 9.5799



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



18.0031, 17.4326, 22.8383



30.7725, 29.1862, 39.9679



18.3517, 17.6402, 21.5954



4.3965, 4.3600, 5.4231



8.6477, 4.0117, 20.5685



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.8492, 17.4392, 18.9492



30.4564, 29.2064, 31.6786



17.5387, 20.1383, 19.4052



4.3685, 4.3605, 4.7449



9.0861, 4.6541, 1.7772



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 18.0026, 17.4319, 22.8379 looks on a white background.

Color Contrast Check

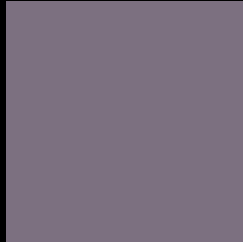
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.0026, 17.4319, 22.8379 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 18.0026, 17.4319, 22.8379

Background



This preview shows how black text looks on a background with the XYZ color 18.0026, 17.4319, 22.8379.



This preview shows how white text looks on a background with the XYZ color 18.0026, 17.4319,

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

18.0026, 17.4319, 22.8379

Protanopia

17.0994, 17.4506, 23.5862

Deuteranopia

17.8274, 17.5063, 22.8615



Tritanopia

17.5864, 17.4263, 20.8491

Trichromacy



Original Color

18.0026, 17.4319, 22.8379

Protanomaly

17.4510, 17.4712, 23.2214

Deuteranomaly

17.9698, 17.5797, 22.8682

Tritanomaly

17.7116, 17.4764, 21.5086

Monochromacy



Original Color

18.0026, 17.4319, 22.8379

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

17.3277, 17.6350, 20.5798

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0026, 17.4319, 22.8379 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(124, 112, 128)` looks like.

```
.text, #text, p{  
    color:rgb(124, 112, 128)  
}
```

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(124, 112, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 112, 128) }
```

Border

The CSS property to change the border of an element to XYZ 18.0026, 17.4319, 22.8379 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(124, 112, 128) }
```


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

```
.border{ border-color:rgb(124, 112, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 112, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 112, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 112, 128);  
box-shadow:4px 4px 4px 4px rgb(124, 112,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0026, 17.4319, 22.8379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 112, 128) }
```

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

```
.background{ background-color: rgb(124,  
112, 128) }
```

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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