

Converting Colors

XYZ(17.9784, 17.6645, 24.2871)

Have a look what the booklet for
XYZ(17.9784, 17.6645, 24.2871)
contains.

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Color

**XYZ(18.0673, 17.7655,
24.3066)**

Conversions

Conversions Part 1

Format	Color
Hex	797284
RGB	121, 114, 132
RGB Percent	47%, 45%, 52%
CMY	0.5255, 0.5529, 0.4824
CMYK	0.08, 0.14, 0.00, 0.48
HSL	263°, 7%, 48%
HSV	263°, 14%, 52%
XYZ	18.0673, 17.7655, 24.3066
YIQ	118.1450, -1.6060, 7.0820

Conversions

Conversions Part 2

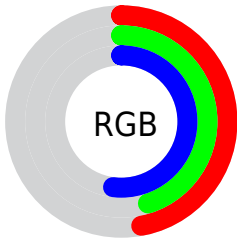
Format	Color
R_{YB}	121, 114, 132
Decimal	7959172
CIE Lab	49.21, 6.41, -8.89
CIE LCh	49, 10.963, 305.781
Yxy	17.7655, 0.3004, 0.2954
Android (android.graphics.Color)	4286149252 (0xFF797284)
YUV	118.1450, 6.8305, 2.5038
Hunter-Lab	42.1491, 2.7533, -4.6870

Details

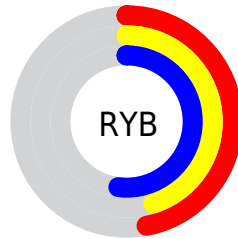
The XYZ color **18.0673, 17.7655, 24.3066** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.7466, 22.0779, 19.1411**, and the grayscale version is **17.2454, 18.1435, 19.7582**.

A 20% lighter version of the original color is **39.6268, 39.6595, 51.4654**, and **6.1820, 5.8987, 8.9963** is the 20% darker color. If you saturate the color by 10%, you get **15.6010, 14.4414, 23.7952**, and if you desaturate by 10%, it is **20.8442, 21.5697, 24.8948**.

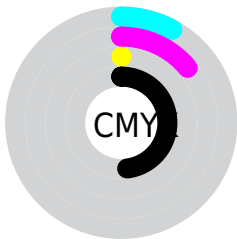
Distribution



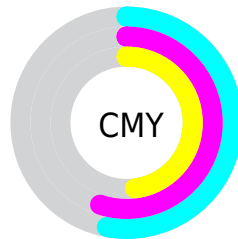
- Red (47%)
- Green (45%)
- Blue (52%)



- Red (47%)
- Yellow (45%)
- Blue (52%)



- Cyan (8%)
- Magenta (14%)
- Yellow (0%)
- Black (48%)



- Cyan (53%)
- Magenta (55%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.0673, 17.7655, 24.3066 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 18.0673, 17.7655, 24.3066 by changing the saturation by 10% instead.

■ 18.0673, 17.7655,
24.3066

■ 18.0673, 17.7655,
24.3066

234.2884,
239.5459, 287.7032

■ 11.0983, 10.7818,
15.3469

■ 39.6812, 39.6373,
51.4802

■ 6.2008, 5.9203,
8.9139

■ 55.0567, 55.2942,
70.5311

■ 3.0094, 2.7967,
4.5890

■ 73.9652, 74.6109,
93.7829

■ 1.1587, 1.0265,
1.9537

■ 96.7719, 97.9719,
121.6540

■ 0.0734, 0.0000,
0.5266

123.8422,
125.7615, 154.5631

■ 0.0000, 0.0000,
0.0000

155.5415,

158.3641, 192.9286

192.2351,
196.1641, 237.1692

■ 18.0673, 17.7655,
24.3066

■ 18.0673, 17.7655,
24.3066

■ 15.6010, 14.4414,
23.7952

■ 20.8442, 21.5697,
24.8948

■ 13.4321, 11.5755,
23.3564

■ 23.9408, 25.8700,
25.5616

■ 11.5490, 9.1478,
22.9870

■ 27.3680, 30.6846,
26.3103

■ 9.9385, 7.1357,
22.6835

■ 31.1356, 36.0300,
27.1435

■ 8.5865, 5.5146,
22.4419

■ 35.2530, 41.9220,
28.0638

7.4773, 4.2572,
22.2577

39.7292, 48.3758,
29.0735

6.5932, 3.3325,
22.1258

44.5729, 55.4058,
30.1752

5.9129, 2.7025,
22.0400

49.7924, 63.0261,
31.3710

5.5466, 2.3783,
21.9968

55.3959, 71.2501,
32.6630

Harmonies

Analogous

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



17.0854, 17.7655, 25.5369



18.0673, 17.7655, 24.3066



18.7522, 17.7655, 21.7588

Triad

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



18.0673, 17.7655, 24.3066



17.7091, 17.7655, 14.6286



14.9952, 17.7655, 19.9192

Complementary

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



18.0673, 17.7655, 24.3066



19.7466, 22.0779, 19.1411

Split Complementary

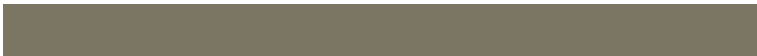
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



15.1471, 17.7655, 17.1141



18.0673, 17.7655, 24.3066



16.6873, 17.7655, 14.2426

Square

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



18.0673, 17.7655, 24.3066



18.5396, 17.7655, 16.2203



15.7565, 17.7655, 15.1068



15.3329, 17.7655, 22.8442

Rectangle

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



18.0673, 17.7655, 24.3066



18.9336, 17.7655, 19.7629



15.7565, 17.7655, 15.1068



14.9909, 17.7655, 18.9303

Sweetspot

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



18.0678, 17.7663, 24.3070



36.4821, 37.6712, 43.8016



18.4512, 19.9365, 24.7057



8.4136, 8.6602, 10.1808



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



18.0678, 17.7663, 24.3070



30.5899, 29.6182, 42.5578



19.3733, 18.4392, 24.3681



4.5931, 4.6263, 5.8516



5.3762, 2.3057, 21.2984



0.0264, 0.0120, 0.0741

Inverse Universe

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



19.2353, 18.4216, 21.9448



33.0262, 30.9865, 37.5994



18.5049, 21.4377, 19.0830



4.7832, 4.7330, 5.4706



10.6425, 5.3213, 7.9558



0.0405, 0.0199, 0.0465

Previews

White Background



This preview shows how the XYZ color 18.0673, 17.7655, 24.3066 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 18.0673, 17.7655, 24.3066 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 18.0673, 17.7655, 24.3066

Background



This preview shows how black text looks on a background with the XYZ color 18.0673, 17.7655, 24.3066.



This preview shows how white text looks on a background with the XYZ color 18.0673, 17.7655,

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

18.0673, 17.7655, 24.3066

Protanopia

17.4185, 17.7616, 24.7006

Deuteranopia

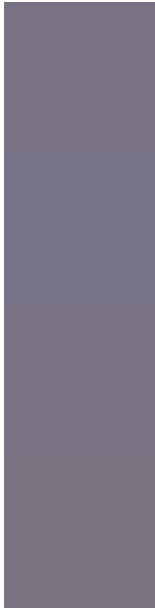
18.0673, 17.7655, 24.3066



Tritanopia

17.5146, 17.7098, 21.5640

Trichromacy



Original Color

18.0673, 17.7655, 24.3066

Protanomaly

17.7005, 17.7368, 24.6809

Deuteranomaly

18.0673, 17.7655, 24.3066

Tritanomaly

17.7072, 17.7868, 22.5786

Monochromacy



Original Color

18.0673, 17.7655, 24.3066

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.5442, 18.0746, 21.3030

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0673, 17.7655, 24.3066 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(121, 114, 132)` looks like.

```
.text, #text, p{  
    color:rgb(121, 114, 132)  
}
```

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(121, 114, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 114, 132) }
```

Border

The CSS property to change the border of an element to XYZ 18.0673, 17.7655, 24.3066 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(121, 114, 132) }
```


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

```
.border{ border-color:rgb(121, 114, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 114, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 114, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 114, 132); box-shadow:4px 4px 4px 4px rgb(121, 114, 132) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0673, 17.7655, 24.3066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 114, 132) }
```

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

```
.background{ background-color: rgb(121,  
114, 132) }
```

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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