

Converting Colors

XYZ(18.4450, 17.4501, 24.9503)

Have a look what the booklet for
XYZ(18.4450, 17.4501, 24.9503)
contains.

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Color

**XYZ(18.4450, 17.4501,
24.9503)**

Conversions

Conversions Part 1

Format	Color
Hex	7D6F86
RGB	125, 111, 134
RGB Percent	49%, 44%, 53%
CMY	0.5098, 0.5647, 0.4745
CMYK	0.07, 0.17, 0.00, 0.47
HSL	277°, 9%, 48%
HSV	277°, 17%, 53%
XYZ	18.4450, 17.4501, 24.9503
YIQ	117.8080, 0.9610, 10.1210

Conversions

Conversions Part 2

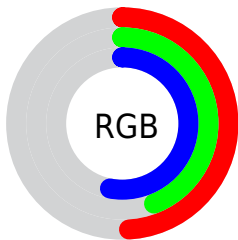
Format	Color
R _Y B	125, 111, 134
Decimal	8220550
CIE Lab	48.82, 10.07, -10.62
CIE LCh	49, 14.640, 313.473
Yxy	17.4501, 0.3031, 0.2868
Android (android.graphics.Color)	4286410630 (0xFF7D6F86)
YUV	117.8080, 7.9827, 6.3074
Hunter-Lab	41.7733, 5.7133, -6.1713

Details

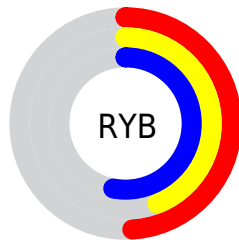
The XYZ color **18.4450, 17.4501, 24.9503** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.1406, 22.1914, 18.3143**, and the grayscale version is **17.1360, 18.0284, 19.6329**.

A 20% lighter version of the original color is **40.4269, 39.2472, 52.4585**, and **6.3582, 5.7316, 9.1587** is the 20% darker color. If you saturate the color by 10%, you get **16.3459, 14.3582, 24.4644**, and if you desaturate by 10%, it is **20.8049, 21.0030, 25.5120**.

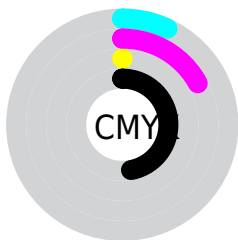
Distribution



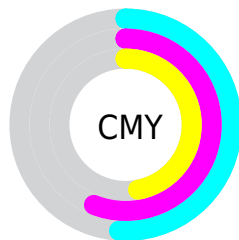
- Red (49%)
- Green (44%)
- Blue (53%)



- Red (49%)
- Yellow (44%)
- Blue (53%)



- Cyan (7%)
- Magenta (17%)
- Yellow (0%)
- Black (47%)



- Cyan (51%)
- Magenta (56%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.4450, 17.4501, 24.9503 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 18.4450, 17.4501, 24.9503 by changing the saturation by 10% instead.

■ 18.4450, 17.4501,
24.9503

■ 18.4450, 17.4501,
24.9503

236.3648,
237.7530, 291.0301

■ 11.3716, 10.5559,
15.8213

■ 40.3183, 39.0980,
52.5397

■ 6.3865, 5.7691,
9.2448

■ 55.8489, 54.6206,
71.8372

■ 3.1243, 2.7052,
4.8022

■ 74.9292, 73.7881,
95.3614

■ 1.2199, 0.9798,
2.0750

■ 97.9247, 96.9849,
123.5307

■ 0.1220, 0.0000,
0.6008

125.2006,
124.5954, 156.7636

■ 0.0000, 0.0000,
0.0000

157.1224,

157.0039, 195.4788

194.0554,
194.5950, 240.0948

■ 18.4450, 17.4501,
24.9503

■ 18.4450, 17.4501,
24.9503

■ 16.3459, 14.3582,
24.4644

■ 20.8049, 21.0030,
25.5120

■ 14.4957, 11.7054,
24.0499

■ 23.4339, 25.0333,
26.1513

■ 12.8838, 9.4711,
23.7036

■ 26.3415, 29.5592,
26.8717

■ 11.4983, 7.6321,
23.4216

■ 29.5366, 34.5974,
27.6757

■ 10.3258, 6.1633,
23.1999

■ 33.0275, 40.1637,
28.5662

■ 9.3518, 5.0360,
23.0337

■ 36.8221, 46.2732,
29.5454

■ 8.5593, 4.2176,
22.9175

■ 40.9282, 52.9406,
30.6159

■ 7.9163, 3.6452,
22.8409

■ 45.3532, 60.1798,
31.7800

■ 7.7450, 3.4956,
22.8210

■ 50.1042, 68.0042,
33.0399

Harmonies

Analogous

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



17.2007, 17.4501, 27.2258



18.4450, 17.4501, 24.9503



19.2129, 17.4501, 21.2044

Triad

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



18.4450, 17.4501, 24.9503



17.3386, 17.4501, 12.7032



14.1774, 17.4501, 20.7934

Complementary

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



18.4450, 17.4501, 24.9503



19.1406, 22.1914, 18.3143

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.



14.2098, 17.4501, 16.9543



18.4450, 17.4501, 24.9503



15.9858, 17.4501, 12.6246

Square

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



18.4450, 17.4501, 24.9503



18.5507, 17.4501, 14.3121



14.8559, 17.4501, 14.0803



14.7648, 17.4501, 24.6143

Rectangle

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



18.4450, 17.4501, 24.9503



19.3267, 17.4501, 18.5515



14.8559, 17.4501, 14.0803



14.1171, 17.4501, 19.4561

Sweetspot

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



18.4455, 17.4508, 24.9507



37.5672, 38.3925, 45.1689



17.5998, 18.5825, 25.2137



8.4036, 8.5580, 10.1616



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.



18.4455, 17.4508, 24.9507



30.8533, 28.3063, 43.5759



19.6608, 18.0957, 24.1792



4.6861, 4.6743, 5.8560



7.2704, 3.2822, 21.3870



0.0334, 0.0156, 0.0745

Inverse Universe

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



18.9067, 17.7940, 20.2081



31.8709, 29.0593, 33.3077



18.0788, 21.6292, 18.9343



4.7424, 4.7167, 5.2560



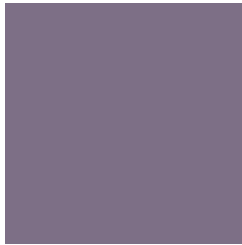
9.8087, 4.9878, 3.5651



0.0374, 0.0186, 0.0303

Previews

White Background



This preview shows how the XYZ color 18.4450, 17.4501, 24.9503 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 18.4450, 17.4501, 24.9503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

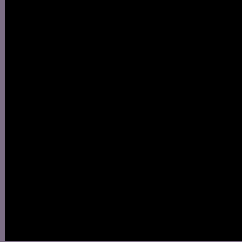
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.4450, 17.4501, 24.9503

Background



This preview shows how black text looks on a background with the XYZ color 18.4450, 17.4501, 24.9503.



This preview shows how white text looks on a background with the XYZ color 18.4450, 17.4501,

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

18.4450, 17.4501, 24.9503

Protanopia

17.3282, 17.5124, 26.1338

Deuteranopia

17.8160, 17.4534, 24.9841



Tritanopia

17.5864, 17.4263, 20.8491

Trichromacy



Original Color

18.4450, 17.4501, 24.9503

Protanomaly

17.7974, 17.5941, 25.7505

Deuteranomaly

17.9824, 17.3745, 24.9601

Tritanomaly

17.8722, 17.3798, 22.1513

Monochromacy



Original Color

18.4450, 17.4501, 24.9503

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.6540, 17.7817, 21.5705

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4450, 17.4501, 24.9503 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(125, 111, 134)` looks like.

```
.text, #text, p{  
    color:rgb(125, 111, 134)  
}
```

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(125, 111, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 111, 134) }
```

Border

The CSS property to change the border of an element to XYZ 18.4450, 17.4501, 24.9503 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(125, 111, 134) }
```


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

```
.border{ border-color:rgb(125, 111, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 111, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 111, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 111, 134);  
box-shadow:4px 4px 4px 4px rgb(125, 111,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4450, 17.4501, 24.9503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 111, 134) }
```

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

```
.background{ background-color: rgb(125,  
111, 134) }
```

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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