

Converting Colors

XYZ(18.0888, 18.4587, 21.5424)

Have a look what the booklet for
XYZ(18.0888, 18.4587, 21.5424)
contains.

XYZ(18.1426, 18.5497, 21.6930)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(18.1426, 18.5497,
21.6930)**

Conversions

Conversions Part 1

Format	Color
Hex	7A767C
RGB	122, 118, 124
RGB Percent	48%, 46%, 49%
CMY	0.5216, 0.5372, 0.5137
CMYK	0.02, 0.05, 0.00, 0.51
HSL	280°, 2%, 47%
HSV	280°, 5%, 49%
XYZ	18.1426, 18.5497, 21.6930
YIQ	119.8800, 0.4580, 2.7140

Conversions

Conversions Part 2

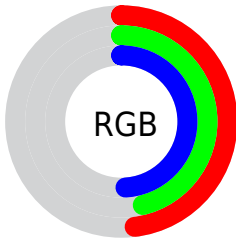
Format	Color
RYB	122, 118, 124
Decimal	8025724
CIELab	50.16, 2.73, -2.75
CIELCh	50, 3.875, 314.830
Yxy	18.5497, 0.3107, 0.3177
Android (android.graphics.Color)	4286215804 (0xFF7A767C)
YUV	119.8800, 2.0312, 1.8592
Hunter-Lab	43.0694, -0.1798, 0.2856

Details

The XYZ color **18.1426, 18.5497, 21.6930** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.2240, 19.7168, 19.9857**, and the grayscale version is **17.8084, 18.7358, 20.4033**.

A 20% lighter version of the original color is **39.6668, 40.8827, 46.8748**, and **6.2078, 6.3048, 7.5464** is the 20% darker color. If you saturate the color by 10%, you get **16.2045, 15.5239, 21.2114**, and if you desaturate by 10%, it is **20.2987, 21.9739, 22.2406**.

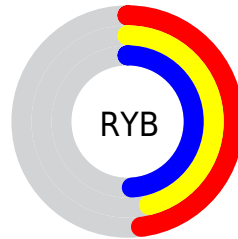
Distribution



Red (48%)

Green (46%)

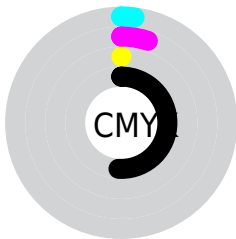
Blue (49%)



Red (48%)

Yellow (46%)

Blue (49%)

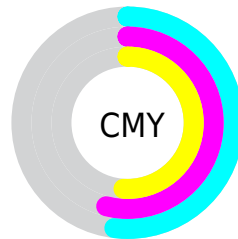


Cyan (2%)

Magenta (5%)

Yellow (0%)

Black (51%)



Cyan (52%)

Magenta (54%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1426, 18.5497, 21.6930 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 18.1426, 18.5497, 21.6930 by changing the saturation by 10% instead.

■ 18.1426, 18.5497,
21.6930

■ 18.1426, 18.5497,
21.6930

234.7037,
243.9514, 273.8398

■ 11.1527, 11.3454,
13.4353

■ 39.8083, 40.9718,
47.1337

■ 6.2377, 6.2996,
7.5948

■ 55.2149, 56.9583,
65.1539

■ 3.0322, 3.0281,
3.7527

■ 74.1578, 76.6411,
87.2653

■ 1.1708, 1.1464,
1.4907

97.0023, 100.4044,
113.8865

■ 0.0831, 0.0173,
0.2110

124.1137,
128.6327, 145.4360

■ 0.0000, 0.0000,
0.0000

155.8576,

161.7104, 182.3323

192.5991,
200.0218, 224.9941

■ 18.1426, 18.5497,
21.6930

■ 18.1426, 18.5497,
21.6930

■ 16.2045, 15.5239,
21.2114

■ 20.2987, 21.9739,
22.2406

■ 14.4751, 12.8791,
20.7921

■ 22.6784, 25.8083,
22.8553

■ 12.9465, 10.6002,
20.4327

■ 25.2893, 30.0672,
23.5397

■ 11.6101, 8.6698,
20.1306

■ 28.1381, 34.7635,
24.2960

■ 10.4563, 7.0697,
19.8825

■ 31.2311, 39.9096,
25.1263

■ 9.4748, 5.7793,
19.6852

■ 34.5744, 45.5171,
26.0325

■ 8.6539, 4.7762,
19.5348

■ 38.1739, 51.5976,
27.0164

■ 7.9806, 4.0346,
19.4272

■ 42.0354, 58.1619,
28.0799

■ 7.4352, 3.5159,
19.3558

■ 46.1643, 65.2208,
29.2248

Harmonies

Analogous

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



17.8156, 18.5497, 22.2537



18.1426, 18.5497, 21.6930



18.3339, 18.5497, 20.7410

Triad

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



18.1426, 18.5497, 21.6930



17.8197, 18.5497, 18.2749



16.9451, 18.5497, 20.7290

Complementary

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



18.1426, 18.5497, 21.6930



18.2240, 19.7168, 19.9857

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.



16.9462, 18.5497, 19.6635



18.1426, 18.5497, 21.6930



17.4476, 18.5497, 18.2720

Square

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



18.1426, 18.5497, 21.6930



18.1457, 18.5497, 18.7805



17.1290, 18.5497, 18.7723



17.1260, 18.5497, 21.6839

Rectangle

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



18.1426, 18.5497, 21.6930



18.3570, 18.5497, 20.0246



17.1290, 18.5497, 18.7723



16.9243, 18.5497, 20.3713

Sweetspot

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



18.1431, 18.5505, 21.6934



33.3279, 34.8575, 38.5282



17.8385, 18.7646, 21.7508



7.8557, 8.2198, 9.0756



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



18.1431, 18.5505, 21.6934



31.4605, 31.9097, 38.0577



18.3726, 18.6753, 21.4085



4.1564, 4.2106, 5.0368



7.2916, 3.3317, 19.6441



33.8511, 15.4129, 93.6606

Inverse Universe

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



18.1814, 18.5989, 20.4018



31.5473, 32.0181, 35.1874



18.0033, 19.5968, 20.2558



4.1683, 4.2254, 4.6450



8.8620, 4.5209, 2.5641



41.9148, 21.4223, 10.3474

Previews

White Background



This preview shows how the XYZ color 18.1426, 18.5497, 21.6930 looks on a white 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

Black Background



This preview shows how the XYZ color 18.1426, 18.5497, 21.6930 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

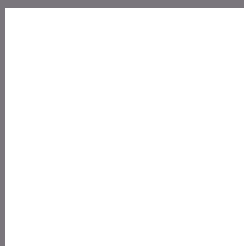
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.1426, 18.5497, 21.6930

Background



This preview shows how black text looks on a background with the XYZ color 18.1426, 18.5497, 21.6930.



This preview shows how white text looks on a background with the XYZ color 18.1426, 18.5497,

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

18.1426, 18.5497, 21.6930

Protanopia

17.9806, 18.6420, 21.7194

Deuteranopia

18.9367, 18.6131, 21.6634



Tritanopia

18.3352, 18.6267, 22.7076

Trichromacy

**Original Color**

18.1426, 18.5497, 21.6930

Protanomaly

18.1201, 18.7138, 21.7259

Deuteranomaly

18.6036, 18.6134, 21.6810

Tritanomaly

18.2704, 18.6008, 22.3660

Monochromacy

**Original Color**

18.1426, 18.5497, 21.6930

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.9332, 18.6391, 20.7417

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1426, 18.5497, 21.6930 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(122, 118, 124)` looks like.

```
.text, #text, p{  
    color:rgb(122, 118, 124)  
}
```

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(122, 118, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 118, 124) }
```

Border

The CSS property to change the border of an element to XYZ 18.1426, 18.5497, 21.6930 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(122, 118, 124) }
```


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

```
.border{ border-color:rgb(122, 118, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 118, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 118, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 118, 124);  
box-shadow:4px 4px 4px 4px rgb(122, 118,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1426, 18.5497, 21.6930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 118, 124) }
```

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

```
.background{ background-color: rgb(122,  
118, 124) }
```

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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