

Converting Colors

XYZ(18.1454, 17.1837, 25.2722)

Have a look what the booklet for
XYZ(18.1454, 17.1837, 25.2722)
contains.

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Color

**XYZ(18.1175, 17.1121,
25.2697)**

Conversions

Conversions Part 1

Format	Color
Hex	7B6E87
RGB	123, 110, 135
RGB Percent	48%, 43%, 53%
CMY	0.5176, 0.5686, 0.4706
CMYK	0.09, 0.19, 0.00, 0.47
HSL	271°, 10%, 48%
HSV	271°, 19%, 53%
XYZ	18.1175, 17.1121, 25.2697
YIQ	116.7370, -0.2770, 10.5310

Conversions

Conversions Part 2

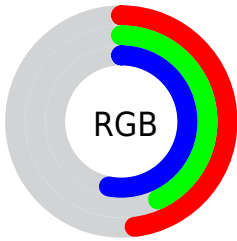
Format	Color
R_{YB}	123, 110, 135
Decimal	8089223
CIE _{Lab}	48.40, 10.16, -11.87
CIE _{LCh}	48, 15.628, 310.573
Yxy	17.1121, 0.2995, 0.2828
Android (android.graphics.Color)	4286279303 (0xFF7B6E87)
YUV	116.7370, 9.0037, 5.4927
Hunter-Lab	41.3668, 5.7862, -7.2617

Details

The XYZ color **18.1175, 17.1121, 25.2697** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **19.5050, 22.5917, 18.0853**, and the grayscale version is **16.8008, 17.6757, 19.2489**.

A 20% lighter version of the original color is **39.9019, 38.7016, 52.9441**, and **6.1864, 5.5570, 9.3409** is the 20% darker color. If you saturate the color by 10%, you get **15.8740, 13.9559, 24.7790**, and if you desaturate by 10%, it is **20.6453, 20.7452, 25.8380**.

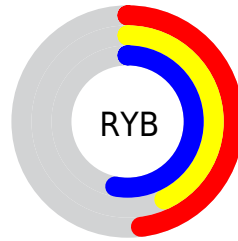
Distribution



Red (48%)

Green (43%)

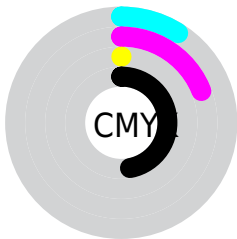
Blue (53%)



Red (48%)

Yellow (43%)

Blue (53%)

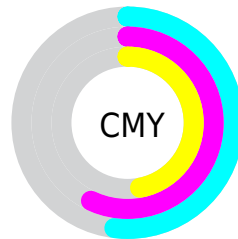


Cyan (9%)

Magenta (19%)

Yellow (0%)

Black (47%)



Cyan (52%)

Magenta (57%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1175, 17.1121, 25.2697 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 18.1175, 17.1121, 25.2697 by changing the saturation by 10% instead.

■ 18.1175, 17.1121,
25.2697

■ 18.1175, 17.1121,
25.2697

234.5653,
235.8176, 292.6690

■ 11.1346, 10.3144,
16.0573

■ 39.7660, 38.5184,
53.0640

■ 6.2254, 5.6079,
9.4099

■ 55.1622, 53.8959,
72.4828

■ 3.0246, 2.6082,
4.9090

■ 74.0936, 72.9020,
96.1410

■ 1.1668, 0.9308,
2.1362

■ 96.9255, 95.9213,
124.4569

■ 0.0799, 0.0000,
0.6372

124.0233,
123.3381, 157.8491

■ 0.0000, 0.0000,
0.0000

155.7522,

155.5368, 196.7361

192.4778,
192.9018, 241.5366

■ 18.1175, 17.1121,
25.2697

■ 18.1175, 17.1121,
25.2697

■ 15.8740, 13.9559,
24.7790

■ 20.6453, 20.7452,
25.8380

■ 13.9022, 11.2538,
24.3614

■ 23.4664, 24.8725,
26.4860

■ 12.1904, 8.9845,
24.0136

■ 26.5914, 29.5129,
27.2169

■ 10.7258, 7.1237,
23.7316

■ 30.0295, 34.6836,
28.0338

■ 9.4942, 5.6450,
23.5111

■ 33.7899, 40.4012,
28.9392

■ 8.4795, 4.5185,
23.3471

■ 37.8812, 46.6814,
29.9358

■ 7.6636, 3.7098,
23.2340

■ 42.3118, 53.5394,
31.0260

■ 7.0052, 3.1384,
23.1584

■ 47.0896, 60.9897,
32.2122

■ 6.9133, 3.0588,
23.1479

■ 52.2223, 69.0463,
33.4968

Harmonies

Analogous

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



16.7738, 17.1121, 27.4854



18.1175, 17.1121, 25.2697



18.9952, 17.1121, 21.3733

Triad

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



18.1175, 17.1121, 25.2697



17.1954, 17.1121, 12.1540



13.7108, 17.1121, 20.1133

Complementary

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



18.1175, 17.1121, 25.2697



19.5050, 22.5917, 18.0853

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.



13.8090, 17.1121, 16.1360



18.1175, 17.1121, 25.2697



15.7657, 17.1121, 11.9191

Square

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



18.1175, 17.1121, 25.2697



18.4416, 17.1121, 13.9692



14.5424, 17.1121, 13.2724



14.2659, 17.1121, 24.2320

Rectangle

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



18.1175, 17.1121, 25.2697



19.1690, 17.1121, 18.5536



14.5424, 17.1121, 13.2724



13.6694, 17.1121, 18.7110

Sweetspot

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



18.1180, 17.1128, 25.2701



38.1266, 38.8296, 46.5337



17.7740, 19.0045, 25.6533



8.7681, 8.9027, 10.7626



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



18.1180, 17.1128, 25.2701



30.7882, 28.2978, 44.8877



19.9119, 18.0410, 25.2012



4.6483, 4.6548, 5.8542



6.3904, 2.8285, 21.3458



0.0306, 0.0141, 0.0743

Inverse Universe

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



19.0810, 17.7086, 20.8255



32.8588, 29.5785, 35.3509



17.9322, 21.7782, 18.1304



4.7587, 4.7232, 5.3419



10.0948, 5.1023, 5.0718



0.0386, 0.0191, 0.0368

Previews

White Background



This preview shows how the XYZ color 18.1175, 17.1121, 25.2697 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 18.1175, 17.1121, 25.2697 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 18.1175, 17.1121, 25.2697

Background



This preview shows how black text looks on a background with the XYZ color 18.1175, 17.1121, 25.2697.



This preview shows how white text looks on a background with the XYZ color 18.1175, 17.1121,

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

18.1175, 17.1121, 25.2697

Protanopia

17.0352, 17.1846, 26.4639

Deuteranopia

17.5035, 17.1195, 25.3035



Tritanopia

17.1305, 17.0338, 20.4741

Trichromacy



Original Color

18.1175, 17.1121, 25.2697

Protanomaly

17.4907, 17.2612, 26.0768

Deuteranomaly

17.6654, 17.0401, 25.2797

Tritanomaly

17.4764, 17.0128, 22.1014

Monochromacy



Original Color

18.1175, 17.1121, 25.2697

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

17.2632, 17.4118, 21.5197

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1175, 17.1121, 25.2697 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(123, 110, 135)` looks like.

```
.text, #text, p{  
    color:rgb(123, 110, 135)  
}
```

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(123, 110, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 110, 135) }
```

Border

The CSS property to change the border of an element to XYZ 18.1175, 17.1121, 25.2697 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(123, 110, 135) }
```


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

```
.border{ border-color:rgb(123, 110, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 110, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 110, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 110, 135);  
box-shadow:4px 4px 4px 4px rgb(123, 110,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1175, 17.1121, 25.2697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 110, 135) }
```

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

```
.background{ background-color: rgb(123,  
110, 135) }
```

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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