

Converting Colors

XYZ(18.8129, 18.2724, 25.5126)

Have a look what the booklet for
XYZ(18.8129, 18.2724, 25.5126)
contains.

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Color

**XYZ(18.8161, 18.2958,
25.4614)**

Conversions

Conversions Part 1

Format	Color
Hex	7C7387
RGB	124, 115, 135
RGB Percent	49%, 45%, 53%
CMY	0.5137, 0.5490, 0.4706
CMYK	0.08, 0.15, 0.00, 0.47
HSL	267°, 8%, 49%
HSV	267°, 15%, 53%
XYZ	18.8161, 18.2958, 25.4614
YIQ	119.9710, -1.0560, 8.1280

Conversions

Conversions Part 2

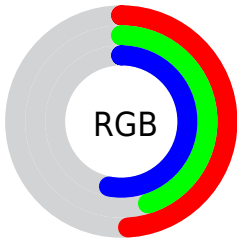
Format	Color
RYB	124, 115, 135
Decimal	8156039
CIELab	49.85, 7.56, -9.68
CIElCh	50, 12.279, 307.991
Yxy	18.2958, 0.3007, 0.2924
Android (android.graphics.Color)	4286346119 (0xFF7C7387)
YUV	119.9710, 7.4093, 3.5334
Hunter-Lab	42.7736, 3.6684, -5.3514

Details

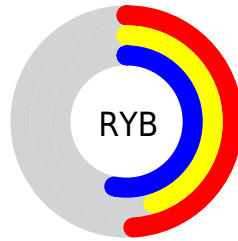
The XYZ color **18.8161, 18.2958, 25.4614** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.3633, 23.0018, 19.5870**, and the grayscale version is **17.8211, 18.7492, 20.4178**.

A 20% lighter version of the original color is **41.0273, 40.6154, 53.2541**, and **6.5485, 6.1660, 9.4394** is the 20% darker color. If you saturate the color by 10%, you get **16.3551, 14.9072, 24.9373**, and if you desaturate by 10%, it is **21.5845, 22.1786, 26.0652**.

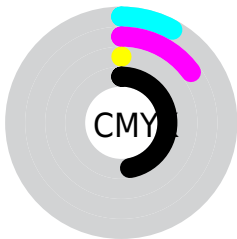
Distribution



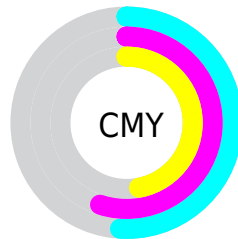
- Red (49%)
- Green (45%)
- Blue (53%)



- Red (49%)
- Yellow (45%)
- Blue (53%)



- Cyan (8%)
- Magenta (15%)
- Yellow (0%)
- Black (47%)



- Cyan (51%)
- Magenta (55%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.8161, 18.2958, 25.4614 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 18.8161, 18.2958, 25.4614 by changing the saturation by 10% instead.

■ 18.8161, 18.2958,
25.4614

■ 18.8161, 18.2958,
25.4614

238.3893,
242.5331, 293.6489

■ 11.6407, 11.1626,
16.1990

■ 40.9424, 40.5407,
53.3781

■ 6.5700, 6.1763,
9.5092

■ 56.6240, 56.4212,
72.8696

■ 3.2386, 2.9526,
4.9735

■ 75.8717, 75.9862,
96.6077

■ 1.2811, 1.1070,
2.1732

■ 99.0509, 99.6201,
125.0112

■ 0.1690, 0.0000,
0.6589

126.5269,
127.7074, 158.4985

■ 0.0000, 0.0000,
0.0000

158.6650,

160.6324, 197.4882

195.8307,
198.7795, 242.3988

■ 18.8161, 18.2958,
25.4614

■ 18.8161, 18.2958,
25.4614

■ 16.3551, 14.9072,
24.9373

■ 21.5845, 22.1786,
26.0652

■ 14.1884, 11.9899,
24.4884

■ 24.6694, 26.5724,
26.7507

■ 12.3041, 9.5230,
24.1116

■ 28.0819, 31.4962,
27.5213

■ 10.6890, 7.4826,
23.8029

■ 31.8317, 36.9673,
28.3796

■ 9.3287, 5.8429,
23.5581

■ 35.9282, 43.0021,
29.3286

8.2072, 4.5751,
23.3725

40.3805, 49.6163,
30.3706

7.3066, 3.6461,
23.2406

45.1972, 56.8253,
31.5082

6.6027, 3.0114,
23.1552

50.3866, 64.6434,
32.7437

6.2821, 2.7334,
23.1184

55.9569, 73.0848,
34.0795

Harmonies

Analogous

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



17.7052, 18.2958, 27.0317



18.8161, 18.2958, 25.4614



19.5670, 18.2958, 22.4427

Triad

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



18.8161, 18.2958, 25.4614



18.2492, 18.2958, 14.5094



15.2491, 18.2958, 20.8331

Complementary

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



18.8161, 18.2958, 25.4614



20.3633, 23.0018, 19.5870

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.



15.3800, 18.2958, 17.5957



18.8161, 18.2958, 25.4614



17.0778, 18.2958, 14.1814

Square

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



18.8161, 18.2958, 25.4614



19.2296, 18.2958, 16.2015



16.0371, 18.2958, 15.2490



15.6709, 18.2958, 24.1702

Rectangle

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



18.8161, 18.2958, 25.4614



19.7440, 18.2958, 20.1485



16.0371, 18.2958, 15.2490



15.2303, 18.2958, 19.6953

Sweetspot

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



18.8167, 18.2966, 25.4618



39.0337, 40.2554, 46.7611



18.9476, 20.4018, 25.8613



8.9569, 9.2055, 10.8111



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.



18.8167, 18.2966, 25.4618



32.0522, 30.4867, 45.2436



20.2829, 19.0524, 25.5304



4.6187, 4.6395, 5.8528



5.8079, 2.5282, 21.3186



0.0283, 0.0130, 0.0742

Inverse Universe

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



19.8889, 18.9195, 22.3430



34.4036, 31.8534, 38.3773



19.0060, 22.3021, 19.5235



4.7717, 4.7284, 5.4103



10.3680, 5.2116, 6.5104



0.0396, 0.0195, 0.0420

Previews

White Background



This preview shows how the XYZ color 18.8161, 18.2958, 25.4614 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 18.8161, 18.2958, 25.4614 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 18.8161, 18.2958, 25.4614

Background



This preview shows how black text looks on a background with the XYZ color 18.8161, 18.2958, 25.4614.



This preview shows how white text looks on a background with the XYZ color 18.8161, 18.2958,

25.4614.

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

18.8161, 18.2958, 25.4614

Protanopia

18.0640, 18.4078, 26.2679

Deuteranopia

18.6446, 18.3776, 25.4862



Tritanopia

18.2956, 18.4399, 22.3336

Trichromacy



Original Color

18.8161, 18.2958, 25.4614

Protanomaly

18.2764, 18.3517, 25.8715

Deuteranomaly

18.7869, 18.4510, 25.4929

Tritanomaly

18.3762, 18.2867, 23.3300

Monochromacy



Original Color

18.8161, 18.2958, 25.4614

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

18.0653, 18.5025, 22.0212

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.8161, 18.2958, 25.4614 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, 115, 135)` looks like.

```
.text, #text, p{  
    color:rgb(124, 115, 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(124, 115, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 115, 135) }
```

Border

The CSS property to change the border of an element to XYZ 18.8161, 18.2958, 25.4614 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, 115, 135) }
```


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

```
.border{ border-color:rgb(124, 115, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 115, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 115, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 115, 135);  
box-shadow:4px 4px 4px 4px rgb(124, 115,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 18.8161, 18.2958, 25.4614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 115, 135) }
```

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

```
.background{ background-color: rgb(124,  
115, 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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