

Converting Colors

XYZ(19.1567, 18.0418, 22.4630)

Have a look what the booklet for
XYZ(19.1567, 18.0418, 22.4630)
contains.

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Color

**XYZ(19.1407, 18.0262,
22.5493)**

Conversions

Conversions Part 1

Format	Color
Hex	84707F
RGB	132, 112, 127
RGB Percent	52%, 44%, 50%
CMY	0.4823, 0.5608, 0.5020
CMYK	0.00, 0.15, 0.04, 0.48
HSL	315°, 8%, 48%
HSV	315°, 15%, 52%
XYZ	19.1407, 18.0262, 22.5493
YIQ	119.6900, 7.1050, 8.9050

Conversions

Conversions Part 2

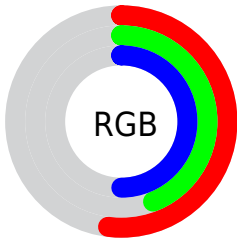
Format	Color
R_{YB}	132, 112, 127
Decimal	8679551
CIE _{Lab}	49.53, 10.63, -5.35
CIE _{LCh}	50, 11.896, 333.280
Yxy	18.0262, 0.3205, 0.3019
Android (android.graphics.Color)	4286869631 (0xFF84707F)
YUV	119.6900, 3.6038, 10.7959
Hunter-Lab	42.4573, 6.1716, -1.7692

Details

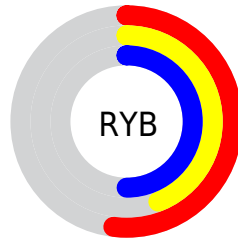
The XYZ color **19.1407, 18.0262, 22.5493** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.1450, 21.2322, 19.9725**, and the grayscale version is **17.7414, 18.6653, 20.3266**.

A 20% lighter version of the original color is **41.5213, 40.1605, 48.7434**, and **6.6882, 6.0107, 8.0154** is the 20% darker color. If you saturate the color by 10%, you get **17.5783, 15.2397, 20.9847**, and if you desaturate by 10%, it is **20.9248, 21.2442, 24.2230**.

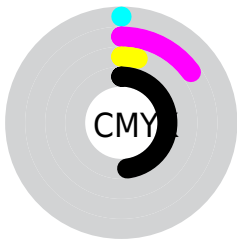
Distribution



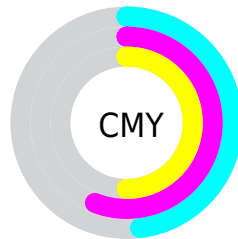
- Red (52%)
- Green (44%)
- Blue (50%)



- Red (52%)
- Yellow (44%)
- Blue (50%)



- Cyan (0%)
- Magenta (15%)
- Yellow (4%)
- Black (48%)



- Cyan (48%)
- Magenta (56%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1407, 18.0262, 22.5493 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 19.1407, 18.0262, 22.5493 by changing the saturation by 10% instead.

■ 19.1407, 18.0262,
22.5493

■ 19.1407, 18.0262,
22.5493

240.1476,
241.0187, 278.4481

■ 11.8766, 10.9688,
14.0589

■ 41.4867, 40.0820,
48.5660

■ 6.7313, 6.0459,
8.0224

■ 57.2994, 55.8491,
66.9294

■ 3.3395, 2.8730,
4.0213

■ 76.6923, 75.2883,
89.4208

■ 1.3357, 1.0658,
1.6371

■ 100.0308, 98.7839,
116.4589

■ 0.2097, 0.0000,
0.3171

127.6802,
126.7204, 148.4621

■ 0.0000, 0.0000,
0.0000

160.0059,

159.4821, 185.8490

197.3733,
197.4534, 229.0382

■ 19.1407, 18.0262,
22.5493

■ 19.1407, 18.0262,
22.5493

■ 17.5783, 15.2397,
20.9847

■ 20.9248, 21.2442,
24.2230

■ 16.2266, 12.8638,
19.5246

■ 22.9377, 24.9087,
26.0078

■ 15.0761, 10.8793,
18.1656

■ 25.1882, 29.0369,
27.9073

■ 14.1161, 9.2648,
16.9040

■ 27.6842, 33.6445,
29.9243

■ 13.3347, 7.9965,
15.7352

■ 30.4332, 38.7463,
32.0617

■ 12.7186, 7.0481,
14.6547

■ 33.4422, 44.3566,
34.3222

■ 12.2526, 6.3894,
13.6570

■ 36.7183, 50.4890,
36.7082

■ 11.9146, 5.9763,
12.7343

■ 40.2680, 57.1566,
39.2225

■ 11.7678, 5.8064,
12.3040

■ 44.0976, 64.3721,
41.8673

Harmonies

Analogous

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



18.3489, 18.0262, 25.2804



19.1407, 18.0262, 22.5493



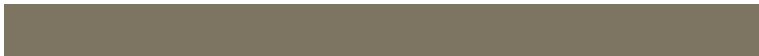
19.3868, 18.0262, 19.2749

Triad

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



19.1407, 18.0262, 22.5493



17.0098, 18.0262, 14.0655



15.3865, 18.0262, 23.2299

Complementary

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



19.1407, 18.0262, 22.5493



18.1450, 21.2322, 19.9725

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.



15.0617, 18.0262, 19.9843



19.1407, 18.0262, 22.5493



15.9727, 18.0262, 14.8871

Square

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



19.1407, 18.0262, 22.5493



18.1253, 18.0262, 14.5941



15.2715, 18.0262, 16.9696



16.1783, 18.0262, 25.7026

Rectangle

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



19.1407, 18.0262, 22.5493



19.1999, 18.0262, 17.2777



15.2715, 18.0262, 16.9696



15.2207, 18.0262, 22.1812

Sweetspot

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



19.1412, 18.0270, 22.5497



36.8711, 37.4441, 42.6797



17.2959, 17.0371, 24.2071



8.5377, 8.6332, 9.8941



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.



19.1412, 18.0270, 22.5497



32.7795, 30.0757, 38.8034



18.5214, 17.7791, 19.2860



4.8095, 4.7435, 5.6090



11.3962, 5.6228, 11.9247



0.0424, 0.0206, 0.0567

Inverse Universe

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



19.1412, 18.0270, 22.5497



32.7795, 30.0757, 38.8034



18.7648, 21.4801, 23.2363



4.8095, 4.7435, 5.6090



11.3962, 5.6228, 11.9247



0.0424, 0.0206, 0.0567

Previews

White Background



This preview shows how the XYZ color 19.1407, 18.0262, 22.5493 looks on a white background.

Color Contrast Check

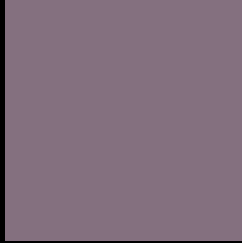
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.1407, 18.0262, 22.5493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

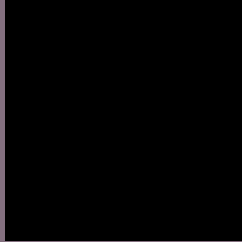
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.1407, 18.0262, 22.5493

Background



This preview shows how black text looks on a background with the XYZ color 19.1407, 18.0262, 22.5493.



This preview shows how white text looks on a background with the XYZ color 19.1407, 18.0262,

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

19.1407, 18.0262, 22.5493

Protanopia

17.5930, 18.0473, 23.6753

Deuteranopia

18.3055, 17.9269, 22.5741



Tritanopia

18.7781, 18.0407, 20.9048

Trichromacy



Original Color

19.1407, 18.0262, 22.5493

Protanomaly

18.1192, 17.9840, 23.2852

Deuteranomaly

18.6380, 17.9318, 22.5575

Tritanomaly

18.9033, 18.0908, 21.5643

Monochromacy



Original Color

19.1407, 18.0262, 22.5493

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

18.2486, 18.4377, 21.3359

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1407, 18.0262, 22.5493 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(132, 112, 127) looks like.

```
.text, #text, p{  
    color:rgb(132, 112, 127)  
}
```

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(132, 112, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 112, 127) }
```

Border

The CSS property to change the border of an element to XYZ 19.1407, 18.0262, 22.5493 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(132, 112, 127) }
```


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

```
.border{ border-color:rgb(132, 112, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 112, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 112, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 112, 127);  
box-shadow:4px 4px 4px 4px rgb(132, 112,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1407, 18.0262, 22.5493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 112, 127) }
```

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

```
.background{ background-color: rgb(132,  
112, 127) }
```

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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