

Converting Colors

XYZ(19.1358, 18.4187, 22.7092)

Have a look what the booklet for
XYZ(19.1358, 18.4187, 22.7092)
contains.

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Color

**XYZ(19.0540, 18.3128,
22.6091)**

Conversions

Conversions Part 1

Format	Color
Hex	82727F
RGB	130, 114, 127
RGB Percent	51%, 45%, 50%
CMY	0.4902, 0.5529, 0.5020
CMYK	0.00, 0.12, 0.02, 0.49
HSL	311°, 7%, 48%
HSV	311°, 12%, 51%
XYZ	19.0540, 18.3128, 22.6091
YIQ	120.2660, 5.3630, 7.4350

Conversions

Conversions Part 2

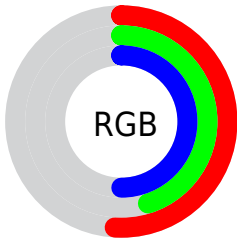
Format	Color
R_{YB}	130, 114, 127
Decimal	8548991
CIE Lab	49.87, 8.69, -4.86
CIE LCh	50, 9.959, 330.804
Yxy	18.3128, 0.3177, 0.3053
Android (android.graphics.Color)	4286739071 (0xFF82727F)
YUV	120.2660, 3.3199, 8.5367
Hunter-Lab	42.7935, 4.5895, -1.3693

Details

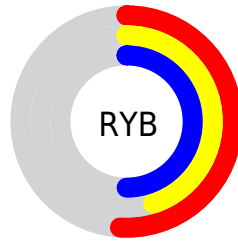
The XYZ color **19.0540, 18.3128, 22.6091** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.1337, 20.8275, 19.8950**, and the grayscale version is **17.9267, 18.8603, 20.5389**.

A 20% lighter version of the original color is **41.4029, 40.6350, 48.8412**, and **6.7167, 6.1958, 8.0496** is the 20% darker color. If you saturate the color by 10%, you get **17.5338, 15.5234, 21.3281**, and if you desaturate by 10%, it is **20.7875, 21.5222, 23.9806**.

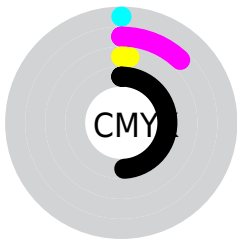
Distribution



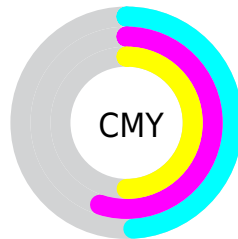
- Red (51%)
- Green (45%)
- Blue (50%)



- Red (51%)
- Yellow (45%)
- Blue (50%)



- Cyan (0%)
- Magenta (12%)
- Yellow (2%)
- Black (49%)



- Cyan (49%)
- Magenta (55%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0540, 18.3128, 22.6091 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 19.0540, 18.3128, 22.6091 by changing the saturation by 10% instead.

■ 19.0540, 18.3128,
22.6091

■ 19.0540, 18.3128,
22.6091

239.6791,
242.6283, 278.7674

■ 11.8135, 11.1748,
14.1026

■ 41.3415, 40.5696,
48.6657

■ 6.6881, 6.1845,
8.0525

■ 57.1192, 56.4572,
67.0528

■ 3.3124, 2.9576,
4.0403

■ 76.4735, 76.0301,
89.5706

■ 1.3211, 1.1096,
1.6475

■ 99.7695, 99.6727,
116.6375

■ 0.1989, 0.0000,
0.3244

127.3727,
127.7695, 148.6721

■ 0.0000, 0.0000,
0.0000

159.6485,

160.7047, 186.0929

196.9622,
198.8629, 229.3185

■ 19.0540, 18.3128,
22.6091

■ 19.0540, 18.3128,
22.6091

■ 17.5338, 15.5234,
21.3281

■ 20.7875, 21.5222,
23.9806

■ 16.2166, 13.1341,
20.1333

■ 22.7410, 25.1656,
25.4444

■ 15.0935, 11.1269,
19.0220

■ 24.9229, 29.2595,
27.0035

■ 14.1544, 9.4817,
17.9906

■ 27.3405, 33.8187,
28.6606

■ 13.3881, 8.1762,
17.0352

■ 30.0010, 38.8572,
30.4181

■ 12.7824, 7.1860,
16.1517

■ 32.9111, 44.3887,
32.2784

■ 12.3234, 6.4832,
15.3352

■ 36.0774, 50.4260,
34.2439

■ 11.9947, 6.0351,
14.5801

■ 39.5061, 56.9818,
36.3167

■ 11.7879, 5.7786,
14.0267

■ 43.2033, 64.0680,
38.4989

Harmonies

Analogous

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



18.3606, 18.3128, 24.7925



19.0540, 18.3128, 22.6091



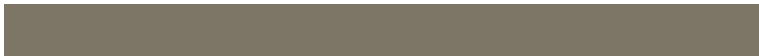
19.3020, 18.3128, 19.8660

Triad

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



19.0540, 18.3128, 22.6091



17.3801, 18.3128, 15.1413



15.8796, 18.3128, 22.7480

Complementary

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



19.0540, 18.3128, 22.6091



18.1337, 20.8275, 19.8950

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.



15.6380, 18.3128, 20.0132



19.0540, 18.3128, 22.6091



16.4846, 18.3128, 15.7651

Square

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



19.0540, 18.3128, 22.6091



18.3145, 18.3128, 15.7023



15.8554, 18.3128, 17.4888



16.5276, 18.3128, 24.8777

Rectangle

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



19.0540, 18.3128, 22.6091



19.1746, 18.3128, 18.1340



15.8554, 18.3128, 17.4888



15.7492, 18.3128, 21.8611

Sweetspot

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



19.0545, 18.3136, 22.6095



36.0353, 36.8379, 41.7886



17.3746, 17.4246, 23.5669



8.1094, 8.2508, 9.4220



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



19.0545, 18.3136, 22.6095



32.7048, 30.6839, 39.1155



18.5577, 18.1148, 19.9930



4.4647, 4.3990, 5.2514



11.3049, 5.5417, 13.4614



0.0000, 0.0000, 0.0000

Inverse Universe

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



19.0545, 18.3136, 22.6095



32.7048, 30.6839, 39.1155



18.6201, 21.0221, 22.4565



4.4647, 4.3990, 5.2514



11.3049, 5.5417, 13.4614



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 19.0540, 18.3128, 22.6091 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 19.0540, 18.3128, 22.6091 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 19.0540, 18.3128, 22.6091

Background



This preview shows how black text looks on a background with the XYZ color 19.0540, 18.3128, 22.6091.

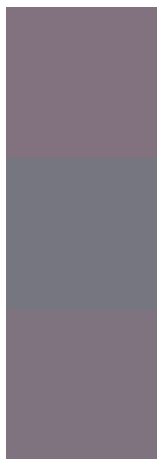


This preview shows how white text looks on a background with the XYZ color 19.0540, 18.3128,

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

19.0540, 18.3128, 22.6091

Protanopia

17.9121, 18.3934, 23.3751

Deuteranopia

18.7139, 18.3058, 22.6257



Tritanopia

18.9747, 18.4625, 21.6323

Trichromacy



Original Color

19.0540, 18.3128, 22.6091

Protanomaly

18.2836, 18.4187, 23.0136

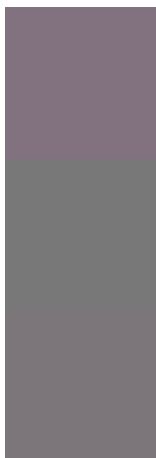
Deuteranomaly

18.8636, 18.3830, 22.6327

Tritanomaly

19.0383, 18.4880, 21.9671

Monochromacy



Original Color

19.0540, 18.3128, 22.6091

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

18.3658, 18.6720, 21.3750

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0540, 18.3128, 22.6091 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(130, 114, 127)` looks like.

```
.text, #text, p{  
    color:rgb(130, 114, 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(130, 114, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 114, 127) }
```

Border

The CSS property to change the border of an element to XYZ 19.0540, 18.3128, 22.6091 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(130, 114, 127) }
```


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

```
.border{ border-color:rgb(130, 114, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 114, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 114, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 114, 127);  
box-shadow:4px 4px 4px 4px rgb(130, 114,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0540, 18.3128, 22.6091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 114, 127) }
```

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

```
.background{ background-color: rgb(130,  
114, 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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