

Converting Colors

XYZ(19.0449, 18.2847, 20.4898)

Have a look what the booklet for
XYZ(19.0449, 18.2847, 20.4898)
contains.

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Color

**XYZ(19.1414, 18.4016,
20.6322)**

Conversions

Conversions Part 1

Format	Color
Hex	857279
RGB	133, 114, 121
RGB Percent	52%, 45%, 47%
CMY	0.4784, 0.5529, 0.5255
CMYK	0.00, 0.14, 0.09, 0.48
HSL	338°, 8%, 48%
HSV	338°, 14%, 52%
XYZ	19.1414, 18.4016, 20.6322
YIQ	120.4790, 9.0770, 6.2050

Conversions

Conversions Part 2

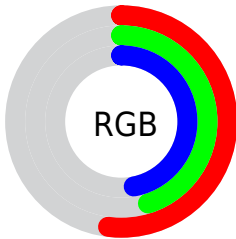
Format	Color
R_{YB}	133, 114, 121
Decimal	8745593
CIE _{Lab}	49.98, 8.68, -1.12
CIE _{LCh}	50, 8.754, 352.669
Yxy	18.4016, 0.3290, 0.3163
Android (android.graphics.Color)	4286935673 (0xFF857279)
YUV	120.4790, 0.2569, 10.9809
Hunter-Lab	42.8971, 4.5798, 1.5113

Details

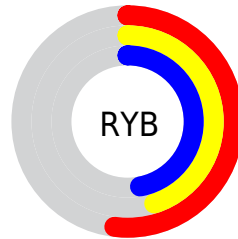
The XYZ color **19.1414, 18.4016, 20.6322** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.0936, 21.8594, 22.9526**, and the grayscale version is **18.0037, 18.9413, 20.6270**.

A 20% lighter version of the original color is **41.4287, 40.7287, 45.2131**, and **6.7181, 6.2165, 7.1491** is the 20% darker color. If you saturate the color by 10%, you get **17.2561, 15.4196, 17.5718**, and if you desaturate by 10%, it is **21.2908, 21.8395, 24.0025**.

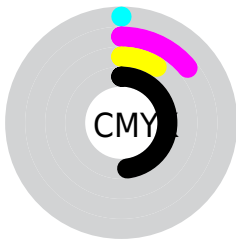
Distribution



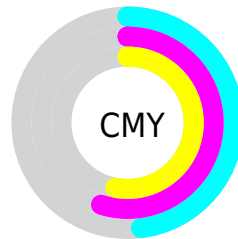
- Red (52%)
- Green (45%)
- Blue (47%)



- Red (52%)
- Yellow (45%)
- Blue (47%)



- Cyan (0%)
- Magenta (14%)
- Yellow (9%)
- Black (48%)



- Cyan (48%)
- Magenta (55%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1414, 18.4016, 20.6322 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 19.1414, 18.4016, 20.6322 by changing the saturation by 10% instead.

■ 19.1414, 18.4016,
20.6322

■ 19.1414, 18.4016,
20.6322

240.1514,
243.1250, 268.0339

■ 11.8771, 11.2387,
12.6668

■ 41.4879, 40.7205,
45.3474

■ 6.7317, 6.2276,
7.0715

■ 57.3009, 56.6452,
62.9343

■ 3.3397, 2.9840,
3.4277

■ 76.6941, 76.2594,
84.5655

■ 1.3358, 1.1234,
1.3170

■ 100.0329, 99.9473,
110.6594

■ 0.2098, 0.0000,
0.0756

127.6827,
128.0935, 141.6347

■ 0.0000, 0.0000,
0.0000

160.0088,

161.0822, 177.9098

197.3766,
199.2979, 219.9034

■ 19.1414, 18.4016,
20.6322

■ 19.1414, 18.4016,
20.6322

■ 17.2561, 15.4196,
17.5718

■ 21.2908, 21.8395,
24.0025

■ 15.6227, 12.8719,
14.8109

■ 23.7127, 25.7488,
27.6902

■ 14.2307, 10.7387,
12.3404

■ 26.4169, 30.1476,
31.7041

■ 13.0678, 8.9977,
10.1501

■ 29.4123, 35.0519,
36.0521

■ 12.1209, 7.6245,
8.2292

■ 32.7075, 40.4773,
40.7421

■ 11.3752, 6.5920,
6.5662

■ 36.3107, 46.4386,
45.7815

■ 10.8142, 5.8693,
5.1483

■ 40.2296, 52.9500,
51.1774

■ 10.4166, 5.4161,
3.9610

■ 44.4720, 60.0251,
56.9371

■ 10.2272, 5.2083,
3.3710

■ 49.0450, 67.6771,
63.0672

Harmonies

Analogous

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



18.8060, 18.4016, 22.9740



19.1414, 18.4016, 20.6322



19.0232, 18.4016, 18.3059

Triad

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



19.1414, 18.4016, 20.6322



16.8751, 18.4016, 16.0641



16.5290, 18.4016, 23.9437

Complementary

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



19.1414, 18.4016, 20.6322



19.0936, 21.8594, 22.9526

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.



16.0418, 18.4016, 21.8723



19.1414, 18.4016, 20.6322



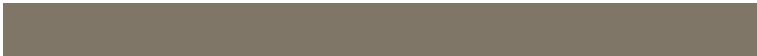
16.2372, 18.4016, 17.3602

Square

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



19.1414, 18.4016, 20.6322



17.6971, 18.4016, 15.7899



15.9367, 18.4016, 19.4518



17.2849, 18.4016, 24.9828

Rectangle

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



19.1414, 18.4016, 20.6322



18.7047, 18.4016, 17.0620



15.9367, 18.4016, 19.4518



16.3293, 18.4016, 23.3374

Sweetspot

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



19.1419, 18.4024, 20.6326



38.2061, 39.2366, 43.1052



18.8141, 18.1430, 24.7010



8.5462, 8.7411, 9.6164



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.



19.1419, 18.4024, 20.6326



33.1816, 31.2120, 35.1894



18.9812, 18.7430, 18.5378



4.7382, 4.7150, 5.2339



9.7451, 4.9624, 3.2302



0.0371, 0.0185, 0.0286

Inverse Universe

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



19.1419, 18.4024, 20.6326



33.1816, 31.2120, 35.1894



19.2609, 21.4459, 25.3150



4.7382, 4.7150, 5.2339



9.7451, 4.9624, 3.2302



0.0371, 0.0185, 0.0286

Previews

White Background



This preview shows how the XYZ color 19.1414, 18.4016, 20.6322 looks on a white background.

Color Contrast Check

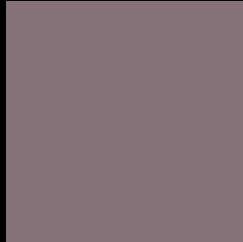
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.1414, 18.4016, 20.6322 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 19.1414, 18.4016, 20.6322

Background



This preview shows how black text looks on a background with the XYZ color 19.1414, 18.4016, 20.6322.



This preview shows how white text looks on a background with the XYZ color 19.1414, 18.4016,

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

19.1414, 18.4016, 20.6322

Protanopia

17.8623, 18.4052, 21.6799

Deuteranopia

18.7878, 18.3878, 20.6481



Tritanopia

19.2653, 18.4512, 21.2849

Trichromacy



Original Color

19.1414, 18.4016, 20.6322

Protanomaly

18.3939, 18.5126, 21.3427

Deuteranomaly

18.9420, 18.4672, 20.6553

Tritanomaly

19.2030, 18.4263, 20.9569

Monochromacy



Original Color

19.1414, 18.4016, 20.6322

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

18.3260, 18.6729, 20.4076

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1414, 18.4016, 20.6322 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(133, 114, 121)` looks like.

```
.text, #text, p{  
    color:rgb(133, 114, 121)  
}
```

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(133, 114, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 114, 121) }
```

Border

The CSS property to change the border of an element to XYZ 19.1414, 18.4016, 20.6322 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(133, 114, 121) }
```


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

```
.border{ border-color:rgb(133, 114, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 114, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 114, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 114, 121);  
box-shadow:4px 4px 4px 4px rgb(133, 114,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1414, 18.4016, 20.6322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 114, 121) }
```

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

```
.background{ background-color: rgb(133,  
114, 121) }
```

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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