

Converting Colors

XYZ(18.4649, 15.0600, 20.1580)

Have a look what the booklet for
XYZ(18.4649, 15.0600, 20.1580)
contains.

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Color

**XYZ(18.4384, 15.0486,
20.0220)**

Conversions

Conversions Part 1

Format	Color
Hex	8D5E79
RGB	141, 94, 121
RGB Percent	55%, 37%, 47%
CMY	0.4471, 0.6314, 0.5255
CMYK	0.00, 0.33, 0.14, 0.45
HSL	326°, 20%, 46%
HSV	326°, 33%, 55%
XYZ	18.4384, 15.0486, 20.0220
YIQ	111.1310, 19.3450, 18.3610

Conversions

Conversions Part 2

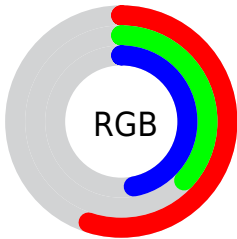
Format	Color
R_{YB}	141, 94, 121
Decimal	9264761
CIE _{Lab}	45.70, 23.49, -7.35
CIE _{LCh}	46, 24.616, 342.626
Yxy	15.0486, 0.3446, 0.2812
Android (android.graphics.Color)	4287454841 (0xFF8D5E79)
YUV	111.1310, 4.8654, 26.1951
Hunter-Lab	38.7925, 16.9556, -3.4466

Details

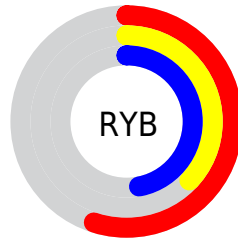
The XYZ color **18.4384, 15.0486, 20.0220** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **17.1789, 22.6448, 19.3861**, and the grayscale version is **15.1302, 15.9182, 17.3349**.

A 20% lighter version of the original color is **40.1739, 34.8700, 44.1484**, and **6.4027, 4.6746, 6.6957** is the 20% darker color. If you saturate the color by 10%, you get **16.9407, 12.6238, 17.7635**, and if you desaturate by 10%, it is **20.1889, 17.9421, 22.4781**.

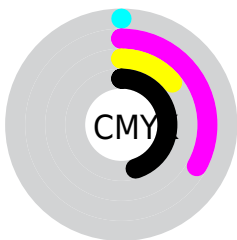
Distribution



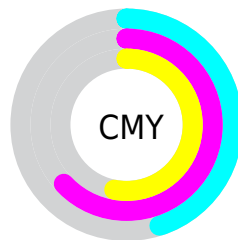
- Red (55%)
- Green (37%)
- Blue (47%)



- Red (55%)
- Yellow (37%)
- Blue (47%)



- Cyan (0%)
- Magenta (33%)
- Yellow (14%)
- Black (45%)



- Cyan (45%)
- Magenta (63%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.4384, 15.0486, 20.0220 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 18.4384, 15.0486, 20.0220 by changing the saturation by 10% instead.

■ 18.4384, 15.0486,
20.0220

■ 18.4384, 15.0486,
20.0220

236.3287,
223.6602, 264.6424

■ 11.3668, 8.8535,
12.2268

■ 40.3072, 34.9384,
44.3135

■ 6.3832, 4.6457,
6.7739

■ 55.8351, 49.4019,
61.6469

■ 3.1223, 2.0409,
3.2448

■ 74.9124, 67.3904,
82.9968

■ 1.2188, 0.6311,
1.2210

■ 97.9046, 89.2881,
108.7817

■ 0.1211, 0.0000,
0.0000

125.1770,
115.4796, 139.4202

■ 0.0000, 0.0000,
0.0000

157.0949,

146.3491, 175.3308

194.0237,
182.2812, 216.9320

■ 18.4384, 15.0486,
20.0220

■ 18.4384, 15.0486,
20.0220

■ 16.9407, 12.6238,
17.7635

■ 20.1889, 17.9421,
22.4781

■ 15.6817, 10.6404,
15.6952

■ 22.2029, 21.3254,
25.1368

■ 14.6475, 9.0716,
13.8108

■ 24.4919, 25.2209,
28.0040

■ 13.8227, 7.8868,
12.1028

■ 27.0665, 29.6489,
31.0852

■ 13.1894, 7.0510,
10.5630

■ 29.9365, 34.6288,
34.3855

■ 12.7263, 6.5227,
9.1822

■ 33.1115, 40.1788,
37.9098

■ 12.4697, 6.2568,
8.3344

■ 36.6003, 46.3164,
41.6628

■ 40.4117, 53.0582,
45.6493

■ 44.5540, 60.4203,
49.8736

Harmonies

Analogous

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



17.1650, 15.0486, 26.2605



18.4384, 15.0486, 20.0220



18.5395, 15.0486, 14.0227

Triad

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



18.4384, 15.0486, 20.0220



13.4525, 15.0486, 7.6035



11.5754, 15.0486, 25.3585

Complementary

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



18.4384, 15.0486, 20.0220



17.1789, 22.6448, 19.3861

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.



10.7671, 15.0486, 18.9996



18.4384, 15.0486, 20.0220



11.7787, 15.0486, 9.3602

Square

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



18.4384, 15.0486, 20.0220



15.5223, 15.0486, 7.7506



10.8378, 15.0486, 13.2181



13.1497, 15.0486, 29.8148

Rectangle

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



18.4384, 15.0486, 20.0220



17.9157, 15.0486, 10.9860



10.8378, 15.0486, 13.2181



11.2122, 15.0486, 23.3149

Sweetspot

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



18.4388, 15.0493, 20.0223



40.9853, 40.2641, 46.5753



15.6964, 13.4788, 26.9739



9.0450, 8.8078, 10.2642



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



18.4388, 15.0493, 20.0223



30.9606, 23.6058, 32.7795



17.1884, 14.5491, 13.4378



5.5305, 5.4727, 6.2917



11.3779, 5.7082, 7.6415



0.1198, 0.0590, 0.1313

Inverse Universe

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



18.4388, 15.0493, 20.0223



30.9606, 23.6058, 32.7795



18.6628, 23.2384, 27.2004



5.5305, 5.4727, 6.2917



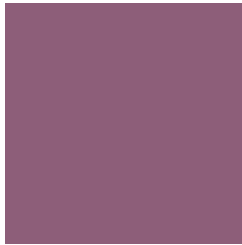
11.3779, 5.7082, 7.6415



0.1198, 0.0590, 0.1313

Previews

White Background



This preview shows how the XYZ color 18.4384, 15.0486, 20.0220 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

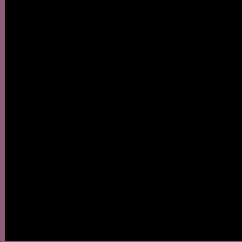
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.4384, 15.0486, 20.0220

Background



This preview shows how black text looks on a background with the XYZ color 18.4384, 15.0486, 20.0220.



This preview shows how white text looks on a background with the XYZ color 18.4384, 15.0486,

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

18.4384, 15.0486, 20.0220

Protanopia

15.1007, 15.2799, 23.2725

Deuteranopia

15.4232, 15.2174, 19.5771



Tritanopia

17.4208, 15.0378, 15.0811

Trichromacy



Original Color

18.4384, 15.0486, 20.0220

Protanomaly

16.0171, 15.0147, 22.1326

Deuteranomaly

16.4537, 15.1439, 19.8252

Tritanomaly

17.8126, 15.0670, 16.7212

Monochromacy



Original Color

18.4384, 15.0486, 20.0220

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

16.1721, 15.4785, 18.3549

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4384, 15.0486, 20.0220 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(141, 94, 121)` looks like.

```
.text, #text, p{  
    color:rgb(141, 94, 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(141, 94, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 94, 121) }
```

Border

The CSS property to change the border of an element to XYZ 18.4384, 15.0486, 20.0220 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(141, 94, 121) }
```


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

```
.border{ border-color:rgb(141, 94, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 94, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 94, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 94, 121);  
box-shadow:4px 4px 4px 4px rgb(141, 94,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4384, 15.0486, 20.0220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 94, 121) }
```

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

```
.background{ background-color: rgb(141, 94,  
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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