

Converting Colors

XYZ(21.1682, 18.4187, 20.0548)

Have a look what the booklet for
XYZ(21.1682, 18.4187, 20.0548)
contains.

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Color

**XYZ(21.3304, 18.5652,
20.2285)**

Conversions

Conversions Part 1

Format	Color
Hex	966C78
RGB	150, 108, 120
RGB Percent	59%, 42%, 47%
CMY	0.4118, 0.5765, 0.5294
CMYK	0.00, 0.28, 0.20, 0.41
HSL	343°, 17%, 51%
HSV	343°, 28%, 59%
XYZ	21.3304, 18.5652, 20.2285
YIQ	121.9260, 21.1800, 12.6360

Conversions

Conversions Part 2

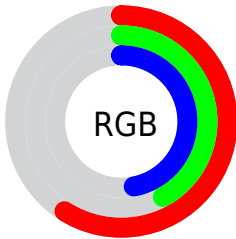
Format	Color
R_{YB}	150, 108, 120
Decimal	9858168
CIE Lab	50.17, 18.61, -0.03
CIE LCh	50, 18.613, 359.918
Yxy	18.5652, 0.3548, 0.3088
Android (android.graphics.Color)	4288048248 (0xFF966C78)
YUV	121.9260, -0.9495, 24.6209
Hunter-Lab	43.0874, 12.9636, 2.3259

Details

The XYZ color **21.3304, 18.5652, 20.2285** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.6789, 26.8363, 28.0834**, and the grayscale version is **18.4731, 19.4351, 21.1649**.

A 20% lighter version of the original color is **45.1940, 41.0993, 44.5807**, and **7.8226, 6.2963, 6.9339** is the 20% darker color. If you saturate the color by 10%, you get **19.2682, 15.4237, 16.5103**, and if you desaturate by 10%, it is **23.7387, 22.2819, 24.4215**.

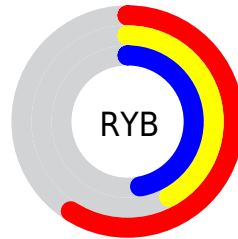
Distribution



Red (59%)

Green (42%)

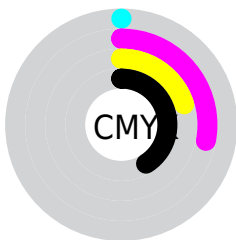
Blue (47%)



Red (59%)

Yellow (42%)

Blue (47%)

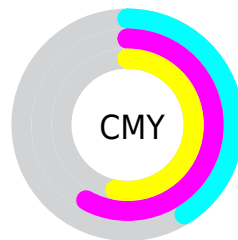


Cyan (0%)

Magenta (28%)

Yellow (20%)

Black (41%)



Cyan (41%)


Magenta (58%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 21.3304, 18.5652, 20.2285 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 21.3304, 18.5652, 20.2285 by changing the saturation by 10% instead.


 21.3304, 18.5652,
20.2285


 21.3304, 18.5652,
20.2285


251.7278,
244.0378, 265.7945


 13.4796, 11.3565,
12.3755


 45.1239, 40.9981,
44.6639


 7.8389, 6.3072,
6.8743

 61.7973, 56.9911,
62.0835

 4.0429, 3.0327,
3.3064


 82.1422, 76.6810,
83.5290

 1.7265, 1.1489,
1.2531

 106.5241,
100.4522, 109.4190

 0.4727, 0.0193,
0.0229

135.3082,
128.6891, 140.1720

 0.0000, 0.0000,
0.0000

168.8600,

161.7760, 176.2065

207.5447,
200.0975, 217.9412

■ 21.3304, 18.5652,
20.2285

■ 21.3304, 18.5652,
20.2285

■ 19.2682, 15.4237,
16.5103

■ 23.7387, 22.2819,
24.4215

■ 17.5341, 12.8260,
13.2486

■ 26.5066, 26.5980,
29.1046

■ 16.1109, 10.7417,
10.4254

■ 29.6491, 31.5396,
34.2935

■ 14.9794, 9.1361,
8.0212

■ 33.1795, 37.1301,
40.0031

■ 14.1177, 7.9704,
6.0146

■ 37.1107, 43.3921,
46.2476

■ 13.5009, 7.1995,
4.3824

■ 41.4550, 50.3470,
53.0405

■ 13.0839, 6.7387,
3.0933

■ 46.2240, 58.0150,
60.3951

■ 13.0111, 6.6574,
2.8704

■ 51.4290, 66.4158,
68.3239

■ 57.0807, 75.5682,
76.8394

Harmonies

Analogous

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



20.8068, 18.5652, 25.5897



21.3304, 18.5652, 20.2285



20.8123, 18.5652, 15.6706

Triad

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



21.3304, 18.5652, 20.2285



15.9782, 18.5652, 12.7948



15.9702, 18.5652, 30.0403

Complementary

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



21.3304, 18.5652, 20.2285



21.6789, 26.8363, 28.0834

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.



14.8177, 18.5652, 25.5611



21.3304, 18.5652, 20.2285



14.8221, 18.5652, 15.6499

Square

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



21.3304, 18.5652, 20.2285



17.6506, 18.5652, 11.8474



14.4118, 18.5652, 20.2002



17.6407, 18.5652, 31.8092

Rectangle

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



21.3304, 18.5652, 20.2285



19.9647, 18.5652, 13.5503



14.4118, 18.5652, 20.2002



15.5136, 18.5652, 28.7680

Sweetspot

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



21.3309, 18.5661, 20.2289



46.6948, 46.8091, 51.2238



21.2505, 18.2803, 31.2628



10.1889, 10.1242, 11.0851



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



21.3309, 18.5661, 20.2289



35.1494, 28.9554, 31.2296



21.5767, 20.1508, 16.9407



5.8649, 5.8410, 6.3946



10.8035, 5.5264, 2.4461



0.1436, 0.0722, 0.0900

Inverse Universe

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



21.3309, 18.5661, 20.2289



35.1494, 28.9554, 31.2296



21.3036, 24.6179, 32.4833



5.8649, 5.8410, 6.3946



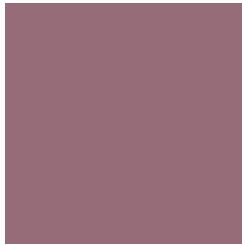
10.8035, 5.5264, 2.4461



0.1436, 0.0722, 0.0900

Previews

White Background



This preview shows how the XYZ color 21.3304, 18.5652, 20.2285 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 21.3304, 18.5652, 20.2285 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 21.3304, 18.5652, 20.2285

Background



This preview shows how black text looks on a background with the XYZ color 21.3304, 18.5652, 20.2285.



This preview shows how white text looks on a background with the XYZ color 21.3304, 18.5652,

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

21.3304, 18.5652, 20.2285

Protanopia

18.1084, 18.6931, 22.3924

Deuteranopia

19.0909, 18.7282, 20.0615



Tritanopia

21.2572, 18.7057, 19.3198

Trichromacy



Original Color

21.3304, 18.5652, 20.2285

Protanomaly

19.1289, 18.5420, 21.6395

Deuteranomaly

19.8824, 18.6311, 20.0010

Tritanomaly

21.3163, 18.7293, 19.6312

Monochromacy



Original Color

21.3304, 18.5652, 20.2285

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

19.3282, 19.0086, 20.7395

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.3304, 18.5652, 20.2285 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(150, 108, 120)` looks like.

```
.text, #text, p{  
    color:rgb(150, 108, 120)  
}
```

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(150, 108, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 108, 120) }
```

Border

The CSS property to change the border of an element to XYZ 21.3304, 18.5652, 20.2285 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(150, 108, 120) }
```


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

```
.border{ border-color:rgb(150, 108, 120) }
```

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

Here you see how a box with a 4 pixel rgb(150, 108, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 108, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 108, 120);  
box-shadow:4px 4px 4px 4px rgb(150, 108,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 21.3304, 18.5652, 20.2285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 108, 120) }
```

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

```
.background{ background-color: rgb(150,  
108, 120) }
```

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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