

Converting Colors

XYZ(20.6206, 19.4536, 21.2147)

Have a look what the booklet for
XYZ(20.6206, 19.4536, 21.2147)
contains.

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Color

**XYZ(20.5735, 19.4714,
21.0864)**

Conversions

Conversions Part 1

Format	Color
Hex	8C747A
RGB	140, 116, 122
RGB Percent	55%, 45%, 48%
CMY	0.4510, 0.5451, 0.5216
CMYK	0.00, 0.17, 0.13, 0.45
HSL	345°, 9%, 50%
HSV	345°, 17%, 55%
XYZ	20.5735, 19.4714, 21.0864
YIQ	123.8600, 12.3780, 6.9540

Conversions

Conversions Part 2

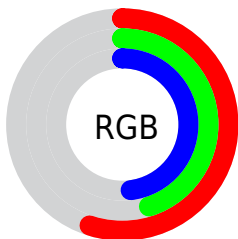
Format	Color
R_{YB}	140, 116, 122
Decimal	9204858
CIE Lab	51.23, 10.41, 0.21
CIE LCh	51, 10.410, 1.152
Yxy	19.4714, 0.3365, 0.3185
Android (android.graphics.Color)	4287394938 (0xFF8C747A)
YUV	123.8600, -0.9170, 14.1548
Hunter-Lab	44.1264, 6.0026, 2.5560

Details

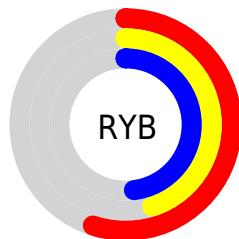
The XYZ color **20.5735, 19.4714, 21.0864** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.8844, 24.1910, 26.1241**, and the grayscale version is **19.1121, 20.1074, 21.8970**.

A 20% lighter version of the original color is **43.8907, 42.5306, 45.9403**, and **7.4862, 6.7889, 7.2192** is the 20% darker color. If you saturate the color by 10%, you get **18.4639, 16.2377, 17.3446**, and if you desaturate by 10%, it is **22.9978, 23.2215, 25.2804**.

Distribution



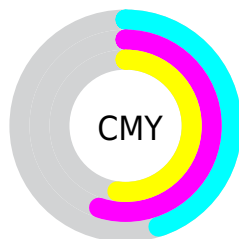
- Red (55%)
- Green (45%)
- Blue (48%)



- Red (55%)
- Yellow (45%)
- Blue (48%)



- Cyan (0%)
- Magenta (17%)
- Yellow (13%)
- Black (45%)



- Cyan (45%)
- Magenta (55%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.5735, 19.4714, 21.0864 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 20.5735, 19.4714, 21.0864 by changing the saturation by 10% instead.

■ 20.5735, 19.4714,
21.0864

■ 20.5735, 19.4714,
21.0864

247.7779,
249.0389, 270.5334

■ 12.9233, 12.0114,
12.9953

■ 43.8733, 42.5292,
46.1139

■ 7.4524, 6.7514,
7.2946

■ 60.2535, 58.8957,
63.8875

■ 3.7954, 3.3071,
3.5658

■ 80.2746, 78.9998,
85.7256

■ 1.5871, 1.2941,
1.3903

■ 104.3016,
103.2260, 112.0468

■ 0.3840, 0.1366,
0.1341

132.7002,
131.9586, 143.2696

■ 0.0000, 0.0000,
0.0000

165.8355,

165.5821, 179.8126

204.0730,
204.4807, 222.0944

■ 20.5735, 19.4714,
21.0864

■ 20.5735, 19.4714,
21.0864

■ 18.4639, 16.2377,
17.3446

■ 22.9978, 23.2215,
25.2804

■ 16.6542, 13.4951,
14.0386

■ 25.7473, 27.5064,
29.9401

■ 15.1311, 11.2202,
11.1525

■ 28.8344, 32.3471,
35.0798

■ 13.8792, 9.3867,
8.6690

■ 32.2699, 37.7625,
40.7127

■ 12.8821, 7.9656,
6.5697

■ 36.0646, 43.7708,
46.8517

■ 12.1212, 6.9244,
4.8345

■ 40.2283, 50.3890,
53.5091

■ 11.5754, 6.2257,
3.4415

■ 44.7709, 57.6339,
60.6968

■ 11.2085, 5.8023,
2.3622

■ 49.7017, 65.5213,
68.4263

■ 11.1186, 5.6968,
2.1028

■ 55.0296, 74.0666,
76.7088

Harmonies

Analogous

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



20.3095, 19.4714, 24.0781



20.5735, 19.4714, 21.0864



20.2668, 19.4714, 18.3813

Triad

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



20.5735, 19.4714, 21.0864



17.4943, 19.4714, 16.6788



17.5613, 19.4714, 26.6080

Complementary

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



20.5735, 19.4714, 21.0864



20.8844, 24.1910, 26.1241

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.



16.8521, 19.4714, 24.2953



20.5735, 19.4714, 21.0864



16.8144, 19.4714, 18.5628

Square

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



20.5735, 19.4714, 21.0864



18.4669, 19.4714, 15.9877



16.5837, 19.4714, 21.3161



18.5471, 19.4714, 27.4399

Rectangle

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



20.5735, 19.4714, 21.0864



19.7864, 19.4714, 17.0564



16.5837, 19.4714, 21.3161



17.2839, 19.4714, 25.9680

Sweetspot

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



20.5740, 19.4723, 21.0868



41.4852, 42.4000, 46.1749



20.8112, 19.4535, 27.4693



9.4926, 9.6664, 10.5262



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.



20.5740, 19.4723, 21.0868



34.6058, 31.7680, 34.2425



20.9278, 20.7563, 19.4274



5.0808, 5.0678, 5.5141



9.8863, 5.0646, 1.9056



0.0708, 0.0357, 0.0398

Inverse Universe

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



20.5740, 19.4723, 21.0868



34.6058, 31.7680, 34.2425



20.4619, 22.6573, 28.1061



5.0808, 5.0678, 5.5141



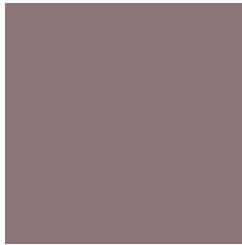
9.8863, 5.0646, 1.9056



0.0708, 0.0357, 0.0398

Previews

White Background



This preview shows how the XYZ color 20.5735, 19.4714, 21.0864 looks on a white background.

Color Contrast Check

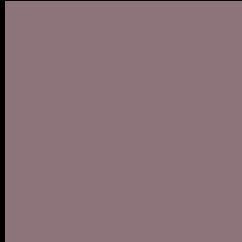
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.5735, 19.4714, 21.0864 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 20.5735, 19.4714, 21.0864

Background



This preview shows how black text looks on a background with the XYZ color 20.5735, 19.4714, 21.0864.



This preview shows how white text looks on a background with the XYZ color 20.5735, 19.4714,

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

20.5735, 19.4714, 21.0864

Protanopia

18.8296, 19.6107, 22.1949

Deuteranopia

19.8228, 19.4303, 21.1180



Tritanopia

20.7623, 19.5469, 22.0807

Trichromacy



Original Color

20.5735, 19.4714, 21.0864

Protanomaly

19.4078, 19.5553, 21.8204

Deuteranomaly

20.0275, 19.3620, 21.0940

Tritanomaly

20.6987, 19.5215, 21.7459

Monochromacy



Original Color

20.5735, 19.4714, 21.0864

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.6184, 19.8506, 21.5364

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.5735, 19.4714, 21.0864 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(140, 116, 122)` looks like.

```
.text, #text, p{  
    color:rgb(140, 116, 122)  
}
```

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(140, 116, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 116, 122) }
```

Border

The CSS property to change the border of an element to XYZ 20.5735, 19.4714, 21.0864 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(140, 116, 122) }
```


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

```
.border{ border-color:rgb(140, 116, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 116, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 116, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 116, 122);  
box-shadow:4px 4px 4px 4px rgb(140, 116,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 20.5735, 19.4714, 21.0864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 116, 122) }
```

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

```
.background{ background-color: rgb(140,  
116, 122) }
```

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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