

Converting Colors

XYZ(20.4631, 19.5716, 21.5844)

Have a look what the booklet for
XYZ(20.4631, 19.5716, 21.5844)
contains.

XYZ(20.4177, 19.5559, 21.4374)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(20.4177, 19.5559,
21.4374)**

Conversions

Conversions Part 1

Format	Color
Hex	8A757B
RGB	138, 117, 123
RGB Percent	54%, 46%, 48%
CMY	0.4588, 0.5412, 0.5176
CMYK	0.00, 0.15, 0.11, 0.46
HSL	343°, 8%, 50%
HSV	343°, 15%, 54%
XYZ	20.4177, 19.5559, 21.4374
YIQ	123.9630, 10.5900, 6.3180

Conversions

Conversions Part 2

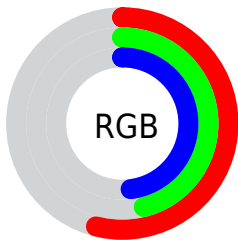
Format	Color
R _Y B	138, 117, 123
Decimal	9074043
CIE Lab	51.33, 9.23, -0.26
CIE LCh	51, 9.234, 358.376
Yxy	19.5559, 0.3325, 0.3184
Android (android.graphics.Color)	4287264123 (0xFF8A757B)
YUV	123.9630, -0.4748, 12.3104
Hunter-Lab	44.2221, 5.0264, 2.2136

Details

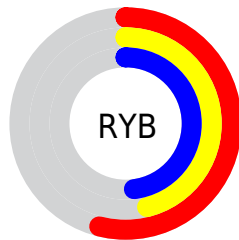
The XYZ color **20.4177, 19.5559, 21.4374** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.5903, 23.6254, 25.3060**, and the grayscale version is **19.1454, 20.1424, 21.9351**.

A 20% lighter version of the original color is **43.6641, 42.6775, 46.4937**, and **7.3887, 6.8254, 7.4066** is the 20% darker color. If you saturate the color by 10%, you get **18.3405, 16.3398, 17.8521**, and if you desaturate by 10%, it is **22.7952, 23.2727, 25.4300**.

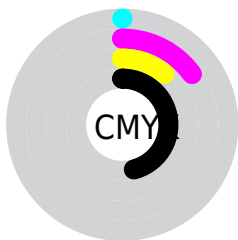
Distribution



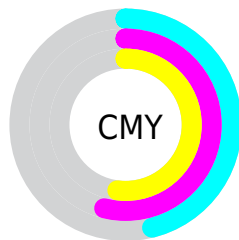
- Red (54%)
- Green (46%)
- Blue (48%)



- Red (54%)
- Yellow (46%)
- Blue (48%)



- Cyan (0%)
- Magenta (15%)
- Yellow (11%)
- Black (46%)



- Cyan (46%)
- Magenta (54%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.4177, 19.5559, 21.4374 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 20.4177, 19.5559, 21.4374 by changing the saturation by 10% instead.

■ 20.4177, 19.5559,
21.4374

■ 20.4177, 19.5559,
21.4374

246.9582,
249.5007, 272.4510

■ 12.8091, 12.0726,
13.2498

■ 43.6150, 42.6714,
46.7046

■ 7.3733, 6.7932,
7.4680

■ 59.9344, 59.0723,
64.6212

■ 3.7450, 3.3331,
3.6736

■ 79.8881, 79.2147,
86.6178

■ 1.5589, 1.3080,
1.4481

103.8414,
103.4828, 113.1131

■ 0.3654, 0.1474,
0.1788

132.1597,
132.2610, 144.5255

■ 0.0000, 0.0000,
0.0000

165.2083,

165.9339, 181.2736

203.3527,
204.8856, 223.7759

■ 20.4177, 19.5559,
21.4374

■ 20.4177, 19.5559,
21.4374

■ 18.3405, 16.3398,
17.8521

■ 22.7952, 23.2727,
25.4300

■ 16.5499, 13.6004,
14.6597

■ 25.4828, 27.5078,
29.8410

■ 15.0332, 11.3156,
11.8468

■ 28.4920, 32.2809,
34.6828

■ 13.7766, 9.4605,
9.3988

■ 31.8330, 37.6101,
39.9669

■ 12.7647, 8.0080,
7.3002

■ 35.5156, 43.5125,
45.7042

■ 11.9804, 6.9275,
5.5339

■ 39.5494, 50.0047,
51.9054

■ 11.4044, 6.1843,
4.0816

■ 43.9433, 57.1024,
58.5806

■ 11.0102, 5.7295,
2.9217

■ 48.7061, 64.8208,
65.7398

■ 10.8545, 5.5526,
2.4555

■ 53.8463, 73.1745,
73.3927

Harmonies

Analogous

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



20.1393, 19.5559, 24.0699



20.4177, 19.5559, 21.4374



20.1924, 19.5559, 18.9685

Triad

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



20.4177, 19.5559, 21.4374



17.7568, 19.5559, 17.1281



17.6725, 19.5559, 25.9191

Complementary

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



20.4177, 19.5559, 21.4374



20.5903, 23.6254, 25.3060

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.



17.0696, 19.5559, 23.8002



20.4177, 19.5559, 21.4374



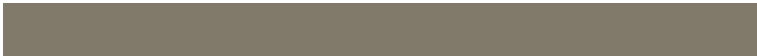
17.1172, 19.5559, 18.7384

Square

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



20.4177, 19.5559, 21.4374



18.6376, 19.5559, 16.6073



16.8697, 19.5559, 21.1494



18.5371, 19.5559, 26.7865

Rectangle

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



20.4177, 19.5559, 21.4374



19.7908, 19.5559, 17.7163



16.8697, 19.5559, 21.1494



17.4336, 19.5559, 25.3214

Sweetspot

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



20.4183, 19.5568, 21.4378



40.2286, 41.0979, 44.9047



20.4183, 19.4399, 26.7212



8.9627, 9.1232, 9.9716



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



20.4183, 19.5568, 21.4378



34.7735, 32.5813, 35.7079



20.5545, 20.4119, 19.6872



5.0878, 5.0706, 5.5508



9.9577, 5.0932, 2.2813



0.0718, 0.0361, 0.0450

Inverse Universe

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



20.4183, 19.5568, 21.4378



34.7735, 32.5813, 35.7079



20.4217, 22.6125, 27.3334



5.0878, 5.0706, 5.5508



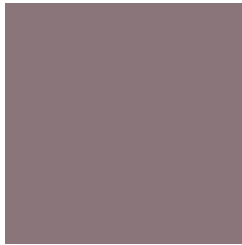
9.9577, 5.0932, 2.2813



0.0718, 0.0361, 0.0450

Previews

White Background



This preview shows how the XYZ color 20.4177, 19.5559, 21.4374 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 20.4177, 19.5559, 21.4374 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

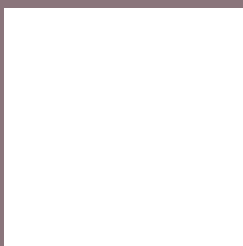
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.4177, 19.5559, 21.4374

Background



This preview shows how black text looks on a background with the XYZ color 20.4177, 19.5559, 21.4374.



This preview shows how white text looks on a background with the XYZ color 20.4177, 19.5559,

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

20.4177, 19.5559, 21.4374

Protanopia

19.0376, 19.7105, 22.5398

Deuteranopia

20.0035, 19.6920, 21.4855



Tritanopia

20.6084, 19.6322, 22.4419

Trichromacy



Original Color

20.4177, 19.5559, 21.4374

Protanomaly

19.4714, 19.5807, 22.1552

Deuteranomaly

20.0453, 19.5378, 21.4536

Tritanomaly

20.5442, 19.6065, 22.1037

Monochromacy



Original Color

20.4177, 19.5559, 21.4374

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.5287, 19.7971, 21.8607

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.4177, 19.5559, 21.4374 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(138, 117, 123)` looks like.

```
.text, #text, p{  
    color:rgb(138, 117, 123)  
}
```

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(138, 117, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 117, 123) }
```

Border

The CSS property to change the border of an element to XYZ 20.4177, 19.5559, 21.4374 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(138, 117, 123) }
```


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

```
.border{ border-color:rgb(138, 117, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 117, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 117, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 117, 123);  
box-shadow:4px 4px 4px 4px rgb(138, 117,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 20.4177, 19.5559, 21.4374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 117, 123) }
```

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

```
.background{ background-color: rgb(138,  
117, 123) }
```

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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