

Converting Colors

$Y_{xy}(20.0549, 0.3308, 0.3202)$

Have a look what the booklet for
Yxy(20.0549, 0.3308, 0.3202)
contains.

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Color

$Y_{xy}(20.0522, 0.3308, 0.3202)$

Conversions

Conversions Part 1

Format	Color
Hex	8A777C
RGB	138, 119, 124
RGB Percent	54%, 47%, 49%
CMY	0.4589, 0.5333, 0.5136
CMYK	0.00, 0.14, 0.10, 0.46
HSL	344°, 8%, 50%
HSV	344°, 14%, 54%
XYZ	20.7160, 20.0522, 21.8558
YIQ	125.2510, 9.7190, 5.5830

Conversions

Conversions Part 2

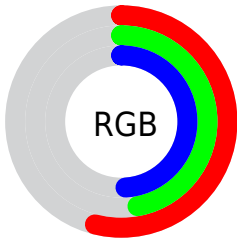
Format	Color
R_{YB}	138, 119, 124
Decimal	9074556
CIE Lab	51.90, 8.25, -0.04
CIE LCh	52, 8.247, 359.723
Yxy	20.0522, 0.3308, 0.3202
Android (android.graphics.Color)	4287264636 (0xFF8A777C)
YUV	125.2510, -0.6167, 11.1809
Hunter-Lab	44.7797, 4.2134, 2.4079

Details

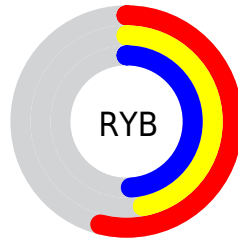
The Yxy color $20.0522, 0.3308, 0.3202$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $23.7887, 0.2973, 0.3380$, and the grayscale version is $20.5974, 0.3127, 0.3290$.

A 20% lighter version of the original color is $43.4669, 0.3276, 0.3226$, and $7.0892, 0.3390, 0.3184$ is the 20% darker color. If you saturate the color by 10%, you get $16.7596, 0.3475, 0.3134$, and if you desaturate by 10%, it is $23.8499, 0.3172, 0.3267$.

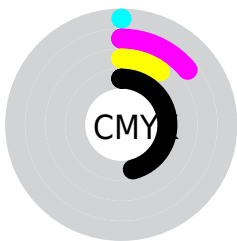
Distribution



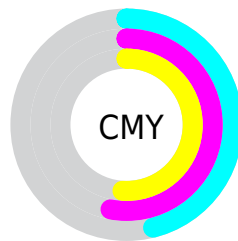
- Red (54%)
- Green (47%)
- Blue (49%)



- Red (54%)
- Yellow (47%)
- Blue (49%)



- Cyan (0%)
- Magenta (14%)
- Yellow (10%)
- Black (46%)





- Cyan (46%)
- Magenta (53%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.0522, 0.3308, 0.3202 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 Yxy color 20.0522, 0.3308, 0.3202 by changing the saturation by 10% instead.


 20.0522, 0.3308,
0.3202


 20.0522, 0.3308,
0.3202


252.1976, 0.3205,
0.3252

 12.4330, 0.3339,
0.3187


 43.5047, 0.3267,
0.3222

 7.0393, 0.3384,
0.3165


 60.1068, 0.3253,
0.3229

 3.4867, 0.3451,
0.3132


 80.4719, 0.3241,
0.3235

 1.3908, 0.3567,
0.3076

104.9845, 0.3231,
0.3239

 0.2099, 0.4760,
0.2493

134.0290, 0.3223,
0.3243

 0.0000, 0.0000,
0.0000

167.9897, 0.3216,

0.3247

207.2511, 0.3210,
0.3250

■ 20.0522, 0.3308,
0.3202

■ 20.0522, 0.3308,
0.3202

■ 16.7596, 0.3475,
0.3134

■ 23.8499, 0.3172,
0.3267

■ 13.9483, 0.3677,
0.3064

■ 28.1700, 0.3060,
0.3327

■ 11.5962, 0.3922,
0.2996

■ 33.0324, 0.2969,
0.3383

■ 9.6789, 0.4210,
0.2936

■ 38.4549, 0.2894,
0.3434

■ 8.1692, 0.4542,
0.2891

■ 44.4548, 0.2832,
0.3480

■ 7.0373, 0.4905,
0.2872

■ 51.0483, 0.2781,
0.3522

■ 6.2489, 0.5277,
0.2888

■ 58.2513, 0.2738,
0.3561

■ 5.7625, 0.5624,
0.2945

■ 66.0789, 0.2702,
0.3596

■ 5.5328, 0.5826,
0.2983

■ 74.5457, 0.2672,
0.3628

Harmonies

Analogous

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



20.0522, 0.3162, 0.3095



20.0522, 0.3308, 0.3202



20.0522, 0.3406, 0.3333

Triad

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



20.0522, 0.3308, 0.3202



20.0522, 0.3240, 0.3556



20.0522, 0.2836, 0.3115

Complementary

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



20.0522, 0.3308, 0.3202



23.7887, 0.2973, 0.3380

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.



20.0522, 0.2856, 0.3237



20.0522, 0.3308, 0.3202



20.0522, 0.3087, 0.3497

Square

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



20.0522, 0.3308, 0.3202



20.0522, 0.3365, 0.3539



20.0522, 0.2947, 0.3378



20.0522, 0.2892, 0.3044

Rectangle

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



20.0522, 0.3308, 0.3202



20.0522, 0.3429, 0.3418



20.0522, 0.2947, 0.3378



20.0522, 0.2834, 0.3151

Sweetspot

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



20.0531, 0.3308, 0.3202



41.8130, 0.3176, 0.3265



20.0101, 0.3081, 0.2957



9.2712, 0.3184, 0.3261



69.2071, 0.3127, 0.3290



10.0482, 0.3127, 0.3290

Same Dimension

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



20.0531, 0.3308, 0.3202



33.1591, 0.3364, 0.3178



21.0084, 0.3359, 0.3369



5.0689, 0.3242, 0.3232



5.0758, 0.5817, 0.2978



0.0359, 0.4781, 0.2407

Inverse Universe

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



20.0531, 0.3308, 0.3202



33.1591, 0.3364, 0.3178



22.6856, 0.2923, 0.3210



5.0689, 0.3242, 0.3232



5.0758, 0.5817, 0.2978



0.0359, 0.4781, 0.2407

Previews

White Background



This preview shows how the Yxy color 20.0522, 0.3308, 0.3202 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 Yxy color 20.0522, 0.3308, 0.3202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

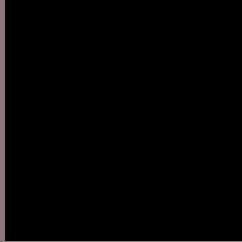
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.0522, 0.3308, 0.3202

Background



This preview shows how black text looks on a background with the Yxy color 20.0522, 0.3308, 0.3202.



This preview shows how white text looks on a background with the Yxy color 20.0522, 0.3308, 0.3202.

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

20.0522, 0.3308, 0.3202

Protanopia

20.0322, 0.3118, 0.3235

Deuteranopia

20.1224, 0.3281, 0.3219



Tritanopia

19.9187, 0.3262, 0.3115

Trichromacy



Original Color

20.0522, 0.3308, 0.3202

Protanomaly

20.1456, 0.3191, 0.3236

Deuteranomaly

20.2065, 0.3294, 0.3220

Tritanomaly

19.8924, 0.3274, 0.3132

Monochromacy



Original Color

20.0522, 0.3308, 0.3202

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

20.3924, 0.3190, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.0522, 0.3308, 0.3202 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, 119, 124)` looks like.

```
.text, #text, p{  
    color:rgb(138, 119, 124)  
}
```

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, 119, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 119, 124) }
```

Border

The CSS property to change the border of an element to Yxy 20.0522, 0.3308, 0.3202 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, 119, 124) }
```

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

```
.border{ border-color:rgb(138, 119, 124) }
```

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

Here you see how a box with a 4 pixel rgb(138, 119, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 119, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 119, 124);  
box-shadow:4px 4px 4px 4px rgb(138, 119,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 20.0522, 0.3308, 0.3202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 119, 124) }
```

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

```
.background{ background-color: rgb(138,  
119, 124) }
```

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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