

Converting Colors

$Y_{xy}(20.3524, 0.3533, 0.3048)$

Have a look what the booklet for
Yxy(20.3524, 0.3533, 0.3048)
contains.

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Color

Yxy(20.2887, 0.3534, 0.3048)

Conversions

Conversions Part 1

Format	Color
Hex	9D707F
RGB	157, 112, 127
RGB Percent	62%, 44%, 50%
CMY	0.3845, 0.5607, 0.5020
CMYK	0.00, 0.29, 0.19, 0.38
HSL	340°, 19%, 53%
HSV	340°, 29%, 62%
XYZ	23.5237, 20.2887, 22.7516
YIQ	127.1650, 22.0050, 14.2050

Conversions

Conversions Part 2

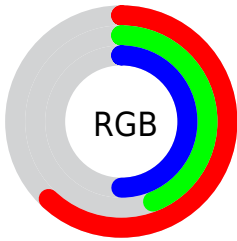
Format	Color
R_{YB}	157, 112, 127
Decimal	10317951
CIE _{Lab}	52.16, 20.12, -1.16
CIE _{LCh}	52, 20.156, 356.701
Yxy	20.2887, 0.3534, 0.3048
Android (android.graphics.Color)	4288508031 (0xFF9D707F)
YUV	127.1650, -0.0813, 26.1653
Hunter-Lab	45.0430, 14.3965, 1.5822

Details

The Yxy color $20.2887, 0.3534, 0.3048$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $29.5007, 0.2840, 0.3548$, and the grayscale version is $21.2776, 0.3127, 0.3290$.

A 20% lighter version of the original color is $43.8433, 0.3437, 0.3097$, and $7.2201, 0.3706, 0.2962$ is the 20% darker color. If you saturate the color by 10%, you get $16.8628, 0.3738, 0.2960$, and if you desaturate by 10%, it is $24.3487, 0.3365, 0.3136$.

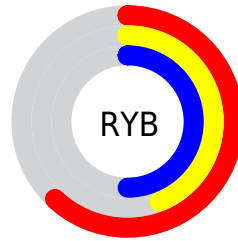
Distribution



Red (62%)

Green (44%)

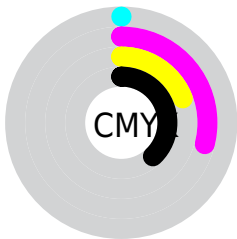
Blue (50%)



Red (62%)

Yellow (44%)

Blue (50%)

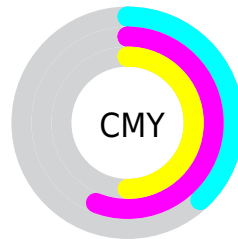


Cyan (0%)

Magenta (29%)

Yellow (19%)

Black (38%)



Cyan (38%)


Magenta (56%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.2887, 0.3534, 0.3048 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 20.2887, 0.3534, 0.3048 by changing the saturation by 10% instead.


 20.2887, 0.3534,
0.3048

 20.2887, 0.3534,
0.3048


253.4738, 0.3303,
0.3185


 12.6051, 0.3603,
0.3007


 43.9007, 0.3442,
0.3102

 7.1572, 0.3701,
0.2950


 60.5978, 0.3410,
0.3121

 3.5606, 0.3849,
0.2864

 81.0683, 0.3384,
0.3137

 1.4309, 0.4098,
0.2721

 105.6964, 0.3362,
0.3149

 0.2394, 0.5530,
0.1841

134.8666, 0.3344,
0.3160

 0.0000, 0.0000,
0.0000

168.9633, 0.3328,

0.3170

208.3709, 0.3315,
0.3178

■ 20.2887, 0.3534,
0.3048

■ 20.2887, 0.3534,
0.3048

■ 16.8628, 0.3738,
0.2960

■ 24.3487, 0.3365,
0.3136

■ 14.0360, 0.3980,
0.2877

■ 29.0698, 0.3227,
0.3221

■ 11.7742, 0.4262,
0.2807


■ 34.4811, 0.3113,
0.3301


■ 10.0386, 0.4578,
0.2760

■ 40.6088, 0.3020,
0.3375

■ 8.7856, 0.4917,
0.2749


■ 47.4780, 0.2943,
0.3442


 7.9642, 0.5254,
0.2782


 55.1123, 0.2880,
0.3505

 7.4747, 0.5568,
0.2855

 63.5346, 0.2828,
0.3561

 7.4149, 0.5611,
0.2864

 72.7665, 0.2785,
0.3613

 82.8290, 0.2748,
0.3660

Harmonies

Analogous

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



20.2887, 0.3165, 0.2817



20.2887, 0.3534, 0.3048



20.2887, 0.3797, 0.3342

Triad

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



20.2887, 0.3534, 0.3048



20.2887, 0.3425, 0.3958



20.2887, 0.2438, 0.2878

Complementary

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



20.2887, 0.3534, 0.3048



29.5007, 0.2840, 0.3548

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.



20.2887, 0.2499, 0.3178



20.2887, 0.3534, 0.3048



20.2887, 0.3056, 0.3838

Square

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



20.2887, 0.3534, 0.3048



20.2887, 0.3726, 0.3874



20.2887, 0.2719, 0.3540



20.2887, 0.2546, 0.2711

Rectangle

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



20.2887, 0.3534, 0.3048



20.2887, 0.3868, 0.3545



20.2887, 0.2719, 0.3540



20.2887, 0.2439, 0.2966

Sweetspot

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



20.2896, 0.3534, 0.3048



51.5986, 0.3233, 0.3216



19.7755, 0.2980, 0.2559



11.0869, 0.3251, 0.3205



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



20.2896, 0.3534, 0.3048



32.5248, 0.3652, 0.2995



21.6506, 0.3703, 0.3414



6.6808, 0.3234, 0.3216



6.0316, 0.5590, 0.2853



0.1153, 0.4582, 0.2298

Inverse Universe

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



20.2896, 0.3534, 0.3048



32.5248, 0.3652, 0.2995



27.5242, 0.2709, 0.3161



6.6808, 0.3234, 0.3216



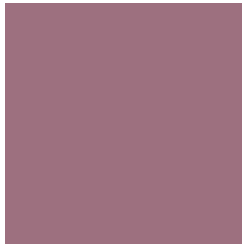
6.0316, 0.5590, 0.2853



0.1153, 0.4582, 0.2298

Previews

White Background



This preview shows how the Yxy color 20.2887, 0.3534, 0.3048 looks on a white background.

Color Contrast Check

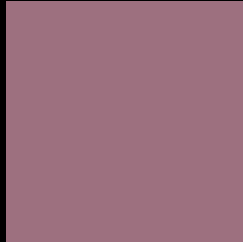
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.2887, 0.3534, 0.3048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

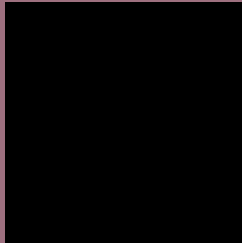
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.2887, 0.3534, 0.3048

Background



This preview shows how black text looks on a background with the Yxy color 20.2887, 0.3534, 0.3048.



This preview shows how white text looks on a background with the Yxy color 20.2887, 0.3534, 0.3048.

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

20.2887, 0.3534, 0.3048

Protanopia

20.4216, 0.3017, 0.3109

Deuteranopia

20.3897, 0.3267, 0.3220



Tritanopia

20.2833, 0.3585, 0.3144

Trichromacy



Original Color

20.2887, 0.3534, 0.3048

Protanomaly

20.3059, 0.3198, 0.3097

Deuteranomaly

20.3925, 0.3363, 0.3153

Tritanomaly

20.3334, 0.3558, 0.3111

Monochromacy



Original Color

20.2887, 0.3534, 0.3048

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

20.8546, 0.3267, 0.3203

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.2887, 0.3534, 0.3048 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(157, 112, 127)` looks like.

```
.text, #text, p{  
    color:rgb(157, 112, 127)  
}
```

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(157, 112, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 112, 127) }
```

Border

The CSS property to change the border of an element to Yxy 20.2887, 0.3534, 0.3048 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(157, 112, 127) }
```

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

```
.border{ border-color:rgb(157, 112, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 112, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 112, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 112, 127);  
box-shadow:4px 4px 4px 4px rgb(157, 112,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 20.2887, 0.3534, 0.3048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 112, 127) }
```

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

```
.background{ background-color: rgb(157,  
112, 127) }
```

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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