

Converting Colors

$Y_{xy}(20.3084, 0.3146, 0.2884)$

Have a look what the booklet for
Yxy(20.3084, 0.3146, 0.2884)
contains.

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Color

$Y_{xy}(20.3084, 0.3146, 0.2884)$

Conversions

Conversions Part 1

Format	Color
Hex	8D758D
RGB	141, 117, 141
RGB Percent	55%, 46%, 55%
CMY	0.4471, 0.5412, 0.4470
CMYK	0.00, 0.17, 0.00, 0.45
HSL	300°, 10%, 51%
HSV	300°, 17%, 55%
XYZ	22.1533, 20.3084, 27.9557
YIQ	126.9120, 6.6000, 12.5520

Conversions

Conversions Part 2

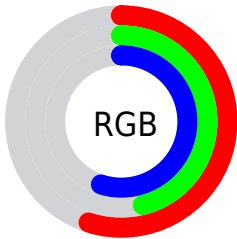
Format	Color
R _Y B	141, 117, 141
Decimal	9270669
CIE Lab	52.18, 13.81, -9.56
CIE LCh	52, 16.794, 325.314
Yxy	20.3084, 0.3146, 0.2884
Android (android.graphics.Color)	4287460749 (0xFF8D758D)
YUV	126.9120, 6.9454, 12.3552
Hunter-Lab	45.0648, 8.8850, -5.2349

Details

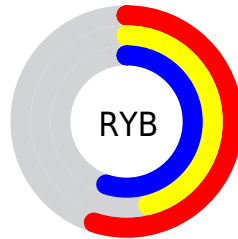
The Yxy color $20.3084, 0.3146, 0.2884$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $24.1209, 0.3107, 0.3732$, and the grayscale version is $21.1661, 0.3127, 0.3290$.

A 20% lighter version of the original color is $43.9182, 0.3142, 0.2965$, and $7.2357, 0.3153, 0.2739$ is the 20% darker color. If you saturate the color by 10%, you get $17.2661, 0.3157, 0.2642$, and if you desaturate by 10%, it is $23.8475, 0.3135, 0.3125$.

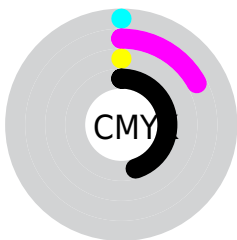
Distribution



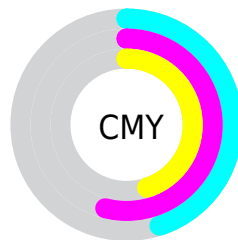
- Red (55%)
- Green (46%)
- Blue (55%)



- Red (55%)
- Yellow (46%)
- Blue (55%)



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





- Cyan (45%)
- Magenta (54%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.3084, 0.3146, 0.2884 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 20.3084, 0.3146, 0.2884 by changing the saturation by 10% instead.


 20.3084, 0.3146,
0.2884


 20.3084, 0.3146,
0.2884


253.5798, 0.3138,
0.3109


 12.6194, 0.3147,
0.2819


 43.9336, 0.3144,
0.2972

 7.1670, 0.3148,
0.2730


 60.6387, 0.3142,
0.3003

 3.5668, 0.3147,
0.2600

 81.1179, 0.3142,
0.3028

 1.4343, 0.3142,
0.2393

105.7556, 0.3141,
0.3050

 0.2418, 0.3258,
0.1389

134.9363, 0.3140,
0.3068

 0.0000, 0.0000,
0.0000

169.0443, 0.3139,

0.3083

208.4640, 0.3139,
0.3097

■ 20.3084, 0.3146,
0.2884

■ 20.3084, 0.3146,
0.2884

■ 17.2661, 0.3157,
0.2642

■ 23.8475, 0.3135,
0.3125

■ 14.6958, 0.3168,
0.2407

■ 27.9014, 0.3124,
0.3359

■ 12.5748, 0.3178,
0.2186

■ 32.4906, 0.3114,
0.3581

■ 10.8771, 0.3187,
0.1989

■ 37.6334, 0.3104,
0.3790

■ 9.5745, 0.3195,
0.1823

■ 43.3475, 0.3095,
0.3983

8.6350, 0.3201,
0.1695

49.6497, 0.3087,
0.4161

8.0219, 0.3205,
0.1607

56.5562, 0.3079,
0.4323

7.6698, 0.3207,
0.1554

64.0825, 0.3072,
0.4469

7.5785, 0.3207,
0.1541

72.2435, 0.3066,
0.4602

Harmonies

Analogous

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



20.3084, 0.2847, 0.2786



20.3084, 0.3146, 0.2884



20.3084, 0.3454, 0.3077

Triad

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



20.3084, 0.3146, 0.2884



20.3084, 0.3636, 0.3773



20.3084, 0.2605, 0.3214

Complementary

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



20.3084, 0.3146, 0.2884



24.1209, 0.3107, 0.3732

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.



20.3084, 0.2799, 0.3511



20.3084, 0.3146, 0.2884



20.3084, 0.3392, 0.3844

Square

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



20.3084, 0.3146, 0.2884



20.3084, 0.3744, 0.3578



20.3084, 0.3085, 0.3750



20.3084, 0.2546, 0.2958

Rectangle

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



20.3084, 0.3146, 0.2884



20.3084, 0.3617, 0.3240



20.3084, 0.3085, 0.3750



20.3084, 0.2656, 0.3313

Sweetspot

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



20.3093, 0.3146, 0.2884



44.0188, 0.3133, 0.3170



18.5227, 0.2860, 0.2855



9.7363, 0.3133, 0.3156



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



20.3093, 0.3146, 0.2884



34.4119, 0.3150, 0.2802



19.9832, 0.3285, 0.3076



5.5108, 0.3137, 0.3073



6.9090, 0.3208, 0.1541



0.0661, 0.3208, 0.1541

Inverse Universe

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



19.6722, 0.3439, 0.3291



33.0748, 0.3517, 0.3291



24.4099, 0.2995, 0.3514



5.4241, 0.3281, 0.3290



5.1636, 0.6400, 0.3299



0.0494, 0.6394, 0.3296

Previews

White Background



This preview shows how the Yxy color 20.3084, 0.3146, 0.2884 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 20.3084, 0.3146, 0.2884 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 20.3084, 0.3146, 0.2884

Background



This preview shows how black text looks on a background with the Yxy color 20.3084, 0.3146, 0.2884.



This preview shows how white text looks on a background with the Yxy color 20.3084, 0.3146, 0.2884.

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

20.3084, 0.3146, 0.2884

Protanopia

20.5246, 0.2869, 0.2915

Deuteranopia

20.2353, 0.3011, 0.2955



Tritanopia

20.2411, 0.3273, 0.3133

Trichromacy



Original Color

20.3084, 0.3146, 0.2884

Protanomaly

20.2776, 0.2957, 0.2886

Deuteranomaly

20.3129, 0.3059, 0.2942

Tritanomaly

20.2258, 0.3227, 0.3032

Monochromacy



Original Color

20.3084, 0.3146, 0.2884

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

20.7374, 0.3135, 0.3131

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.3084, 0.3146, 0.2884 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(141, 117, 141)` looks like.

```
.text, #text, p{  
    color:rgb(141, 117, 141)  
}
```

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(141, 117, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 117, 141) }
```

Border

The CSS property to change the border of an element to Yxy 20.3084, 0.3146, 0.2884 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(141, 117, 141) }
```

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

```
.border{ border-color:rgb(141, 117, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 117, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 117, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 117, 141);  
box-shadow:4px 4px 4px 4px rgb(141, 117,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 20.3084, 0.3146, 0.2884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 117, 141) }
```

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

```
.background{ background-color: rgb(141,  
117, 141) }
```

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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