

Converting Colors

$Y_{xy}(20.1443, 0.3056, 0.2778)$

Have a look what the booklet for
Yxy(20.1443, 0.3056, 0.2778)
contains.

Yxy(20.0863, 0.3054, 0.2768)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(20.0863, 0.3054, 0.2768)

Conversions

Conversions Part 1

Format	Color
Hex	8B7493
RGB	139, 116, 147
RGB Percent	55%, 45%, 58%
CMY	0.4548, 0.5451, 0.4235
CMYK	0.05, 0.21, 0.00, 0.42
HSL	285°, 13%, 52%
HSV	285°, 21%, 58%
XYZ	22.1617, 20.0863, 30.3181
YIQ	126.4110, 3.7570, 14.5170

Conversions

Conversions Part 2

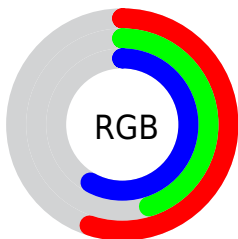
Format	Color
R_{YB}	139, 116, 147
Decimal	9139347
CIE _{Lab}	51.93, 14.92, -13.47
CIE _{LCh}	52, 20.105, 317.927
Yxy	20.0863, 0.3054, 0.2768
Android (android.graphics.Color)	4287329427 (0xFF8B7493)
YUV	126.4110, 10.1504, 11.0406
Hunter-Lab	44.8177, 9.8345, -8.7358

Details

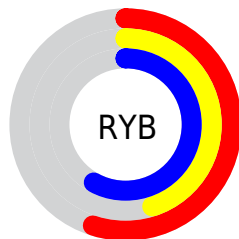
The Yxy color $20.0863, 0.3054, 0.2768$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $26.4174, 0.3184, 0.3841$, and the grayscale version is $20.9760, 0.3127, 0.3290$.

A 20% lighter version of the original color is $43.5598, 0.3076, 0.2879$, and $7.1026, 0.3028, 0.2592$ is the 20% darker color. If you saturate the color by 10%, you get $16.6411, 0.3009, 0.2507$, and if you desaturate by 10%, it is $24.0809, 0.3092, 0.3022$.

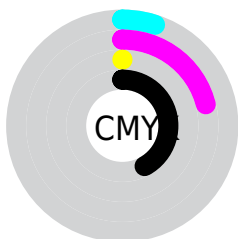
Distribution



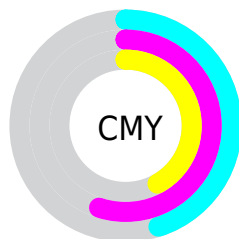
- Red (55%)
- Green (45%)
- Blue (58%)



- Red (55%)
- Yellow (45%)
- Blue (58%)



- Cyan (5%)
- Magenta (21%)
- Yellow (0%)
- Black (42%)





- Cyan (45%)
- Magenta (55%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 20.0863, 0.3054, 0.2768 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 20.0863, 0.3054, 0.2768 by changing the saturation by 10% instead.


 20.0863, 0.3054,
0.2768


 20.0863, 0.3054,
0.2768


252.3819, 0.3099,
0.3055


 12.4578, 0.3039,
0.2686


 43.5618, 0.3073,
0.2879

 7.0563, 0.3016,
0.2574

 60.1776, 0.3079,
0.2919

 3.4973, 0.2980,
0.2413

 80.5580, 0.3084,
0.2952

 1.3965, 0.2914,
0.2159

 105.0873, 0.3088,
0.2979

 0.2142, 0.2879,
0.1086

134.1500, 0.3092,
0.3003

 0.0000, 0.0000,
0.0000

168.1303, 0.3095,

0.3023

207.4129, 0.3097,
0.3040

■ 20.0863, 0.3054,
0.2768

■ 20.0863, 0.3054,
0.2768

■ 16.6411, 0.3009,
0.2507

■ 24.0809, 0.3092,
0.3022

■ 13.7175, 0.2958,
0.2245

■ 28.6459, 0.3124,
0.3264

■ 11.2891, 0.2900,
0.1993

■ 33.8046, 0.3150,
0.3491

■ 9.3259, 0.2837,
0.1760

■ 39.5777, 0.3171,
0.3700

■ 7.7949, 0.2771,
0.1558

■ 45.9855, 0.3188,
0.3892

6.6586, 0.2703,
0.1393

53.0469, 0.3201,
0.4066

5.8729, 0.2635,
0.1273

60.7802, 0.3211,
0.4224

5.3643, 0.2576,
0.1192

69.2030, 0.3219,
0.4366

78.3321, 0.3224,
0.4494

Harmonies

Analogous

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



20.0863, 0.2716, 0.2684



20.0863, 0.3054, 0.2768



20.0863, 0.3432, 0.2971

Triad

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



20.0863, 0.3054, 0.2768



20.0863, 0.3787, 0.3818



20.0863, 0.2547, 0.3282

Complementary

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



20.0863, 0.3054, 0.2768



26.4174, 0.3184, 0.3841

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.



20.0863, 0.2809, 0.3640



20.0863, 0.3054, 0.2768



20.0863, 0.3525, 0.3954

Square

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



20.0863, 0.3054, 0.2768



20.0863, 0.3869, 0.3557



20.0863, 0.3165, 0.3895



20.0863, 0.2438, 0.2954

Rectangle

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



20.0863, 0.3054, 0.2768



20.0863, 0.3651, 0.3153



20.0863, 0.3165, 0.3895



20.0863, 0.2619, 0.3404

Sweetspot

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



20.0872, 0.3054, 0.2768



47.0526, 0.3109, 0.3144



20.3023, 0.2796, 0.2880



10.6343, 0.3107, 0.3131



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



20.0872, 0.3054, 0.2768



33.1231, 0.3035, 0.2653



20.5812, 0.3236, 0.2896



5.8347, 0.3099, 0.3069



4.6619, 0.2579, 0.1194



0.0712, 0.2894, 0.1368

Inverse Universe

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



20.1494, 0.3432, 0.3155



33.2778, 0.3514, 0.3125



26.0204, 0.3034, 0.3719



5.8385, 0.3244, 0.3233



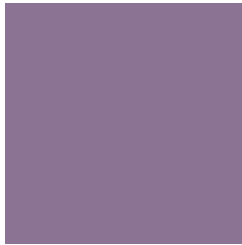
5.5022, 0.5848, 0.2995



0.0716, 0.4808, 0.2422

Previews

White Background



This preview shows how the Yxy color 20.0863, 0.3054, 0.2768 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 20.0863, 0.3054, 0.2768 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 20.0863, 0.3054, 0.2768

Background



This preview shows how black text looks on a background with the Yxy color 20.0863, 0.3054, 0.2768.



This preview shows how white text looks on a background with the Yxy color 20.0863, 0.3054, 0.2768.

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

20.0863, 0.3054, 0.2768

Protanopia

20.2148, 0.2757, 0.2775

Deuteranopia

20.1100, 0.2902, 0.2849



Tritanopia

20.0129, 0.3223, 0.3114

Trichromacy



Original Color

20.0863, 0.3054, 0.2768

Protanomaly

19.9949, 0.2860, 0.2766

Deuteranomaly

20.0148, 0.2958, 0.2821

Tritanomaly

20.0528, 0.3154, 0.2978

Monochromacy



Original Color

20.0863, 0.3054, 0.2768

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

20.4656, 0.3101, 0.3077

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.0863, 0.3054, 0.2768 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(139, 116, 147)` looks like.

```
.text, #text, p{  
    color:rgb(139, 116, 147)  
}
```

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(139, 116, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 116, 147) }
```

Border

The CSS property to change the border of an element to Yxy 20.0863, 0.3054, 0.2768 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(139, 116, 147) }
```

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

```
.border{ border-color:rgb(139, 116, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 116, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 116, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 116, 147);  
box-shadow:4px 4px 4px 4px rgb(139, 116,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 20.0863, 0.3054, 0.2768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 116, 147) }
```

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

```
.background{ background-color: rgb(139,  
116, 147) }
```

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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