

Converting Colors

$Y_{xy}(21.1788, 0.3045, 0.2763)$

Have a look what the booklet for
Yxy(21.1788, 0.3045, 0.2763)
contains.

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Color

Yxy(21.1788, 0.3045, 0.2763)

Conversions

Conversions Part 1

Format	Color
Hex	8E7797
RGB	142, 119, 151
RGB Percent	56%, 47%, 59%
CMY	0.4430, 0.5333, 0.4079
CMYK	0.06, 0.21, 0.00, 0.41
HSL	283°, 13%, 53%
HSV	283°, 21%, 59%
XYZ	23.3404, 21.1788, 32.1323
YIQ	129.5250, 3.4360, 14.8280

Conversions

Conversions Part 2

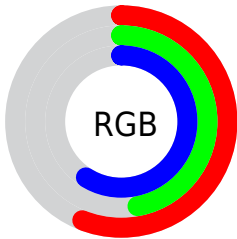
Format	Color
R_{YB}	142, 119, 151
Decimal	9336727
CIE _{Lab}	53.14, 15.07, -13.94
CIE _{LCh}	53, 20.529, 317.231
Yxy	21.1788, 0.3045, 0.2763
Android (android.graphics.Color)	4287526807 (0xFF8E7797)
YUV	129.5250, 10.5872, 10.9406
Hunter-Lab	46.0204, 9.9948, -9.1830

Details

The Yxy color $21.1788, 0.3045, 0.2763$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $28.0490, 0.3192, 0.3843$, and the grayscale version is $22.1091, 0.3127, 0.3290$.

A 20% lighter version of the original color is $45.2694, 0.3068, 0.2873$, and $7.5246, 0.2997, 0.2562$ is the 20% darker color. If you saturate the color by 10%, you get $17.4995, 0.2995, 0.2499$, and if you desaturate by 10%, it is $25.4451, 0.3088, 0.3019$.

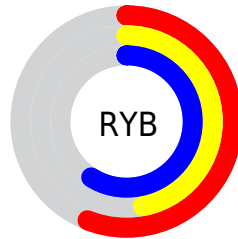
Distribution



Red (56%)

Green (47%)

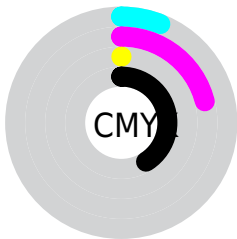
Blue (59%)



Red (56%)

Yellow (47%)

Blue (59%)

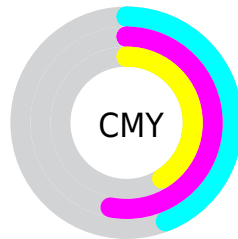


Cyan (6%)

Magenta (21%)

Yellow (0%)

Black (41%)



Cyan (44%)

Magenta (53%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 21.1788, 0.3045, 0.2763 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 21.1788, 0.3045, 0.2763 by changing the saturation by 10% instead.

■ 21.1788, 0.3045,
0.2763

■ 21.1788, 0.3045,
0.2763

■ 258.2272, 0.3095,
0.3051

■ 13.2548, 0.3029,
0.2682

■ 45.3849, 0.3066,
0.2874

■ 7.6042, 0.3005,
0.2572

■ 62.4358, 0.3073,
0.2914

■ 3.8428, 0.2967,
0.2415

■ 83.2977, 0.3078,
0.2946

■ 1.5860, 0.2900,
0.2172

■ 108.3551, 0.3083,
0.2974

■ 0.3481, 0.2846,
0.1418

■ 137.9924, 0.3087,
0.2997

■ 0.0000, 0.0000,
0.0000

172.5939, 0.3090,

0.3018

212.5440, 0.3093,
0.3035

■ 21.1788, 0.3045,
0.2763

■ 21.1788, 0.3045,
0.2763

■ 17.4995, 0.2995,
0.2499

■ 25.4451, 0.3088,
0.3019

■ 14.3774, 0.2938,
0.2235

■ 30.3211, 0.3123,
0.3262

■ 11.7842, 0.2874,
0.1979

■ 35.8313, 0.3153,
0.3489

■ 9.6881, 0.2805,
0.1742

■ 41.9982, 0.3177,
0.3699

■ 8.0534, 0.2732,
0.1535

■ 48.8433, 0.3196,
0.3890

6.8400, 0.2658,
0.1367

56.3869, 0.3211,
0.4064

6.0006, 0.2584,
0.1244

64.6486, 0.3223,
0.4221

5.4643, 0.2520,
0.1162

73.6471, 0.3232,
0.4362

83.4005, 0.3239,
0.4490

Harmonies

Analogous

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



21.1788, 0.2708, 0.2682



21.1788, 0.3045, 0.2763



21.1788, 0.3425, 0.2965

Triad

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



21.1788, 0.3045, 0.2763



21.1788, 0.3793, 0.3814



21.1788, 0.2550, 0.3291

Complementary

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



21.1788, 0.3045, 0.2763



28.0490, 0.3192, 0.3843

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.



21.1788, 0.2815, 0.3649



21.1788, 0.3045, 0.2763



21.1788, 0.3533, 0.3955

Square

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



21.1788, 0.3045, 0.2763



21.1788, 0.3871, 0.3551



21.1788, 0.3174, 0.3901



21.1788, 0.2436, 0.2959

Rectangle

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



21.1788, 0.3045, 0.2763



21.1788, 0.3646, 0.3146



21.1788, 0.3174, 0.3901



21.1788, 0.2624, 0.3413

Sweetspot

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



21.1797, 0.3045, 0.2763



49.8631, 0.3107, 0.3144



21.6102, 0.2794, 0.2886



11.2176, 0.3104, 0.3130



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



21.1797, 0.3045, 0.2763



34.9678, 0.3024, 0.2650



21.7867, 0.3231, 0.2885



6.2366, 0.3095, 0.3068



4.6639, 0.2525, 0.1165



0.0876, 0.2847, 0.1342

Inverse Universe

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



21.3289, 0.3425, 0.3142



35.3059, 0.3503, 0.3110



27.5569, 0.3038, 0.3732



6.2497, 0.3242, 0.3228



5.7458, 0.5777, 0.2956



0.0915, 0.4736, 0.2382

Previews

White Background



This preview shows how the Yxy color 21.1788, 0.3045, 0.2763 looks on a white background.

Color Contrast Check

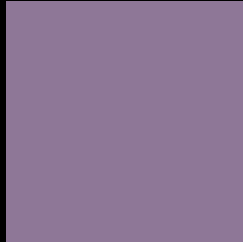
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.1788, 0.3045, 0.2763 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 21.1788, 0.3045, 0.2763

Background



This preview shows how black text looks on a background with the Yxy color 21.1788, 0.3045, 0.2763.



This preview shows how white text looks on a background with the Yxy color 21.1788, 0.3045, 0.2763.

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

21.1788, 0.3045, 0.2763

Protanopia

21.3151, 0.2755, 0.2769

Deuteranopia

21.2065, 0.2896, 0.2842



Tritanopia

21.0740, 0.3221, 0.3118

Trichromacy



Original Color

21.1788, 0.3045, 0.2763

Protanomaly

21.0882, 0.2856, 0.2760

Deuteranomaly

21.1076, 0.2951, 0.2814

Tritanomaly

21.1143, 0.3154, 0.2984

Monochromacy



Original Color

21.1788, 0.3045, 0.2763

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

21.8250, 0.3090, 0.3082

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.1788, 0.3045, 0.2763 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(142, 119, 151)` looks like.

```
.text, #text, p{  
    color:rgb(142, 119, 151)  
}
```

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(142, 119, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 119, 151) }
```

Border

The CSS property to change the border of an element to Yxy 21.1788, 0.3045, 0.2763 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(142, 119, 151) }
```

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

```
.border{ border-color:rgb(142, 119, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 119, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 119, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 119, 151);  
box-shadow:4px 4px 4px 4px rgb(142, 119,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 21.1788, 0.3045, 0.2763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 119, 151) }
```

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

```
.background{ background-color: rgb(142,  
119, 151) }
```

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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