

Converting Colors

$Yxy(20.3177, 0.2645, 0.2087)$

Have a look what the booklet for
Yxy(20.3177, 0.2645, 0.2087)
contains.

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Color

Yxy(20.3177, 0.2645, 0.2087)

Conversions

Conversions Part 1

Format	Color
Hex	8D6DBE
RGB	141, 109, 190
RGB Percent	55%, 43%, 75%
CMY	0.4470, 0.5726, 0.2549
CMYK	0.26, 0.43, 0.00, 0.25
HSL	264°, 38%, 59%
HSV	264°, 43%, 75%
XYZ	25.7500, 20.3177, 51.2859
YIQ	127.8020, -6.9290, 31.9750

Conversions

Conversions Part 2

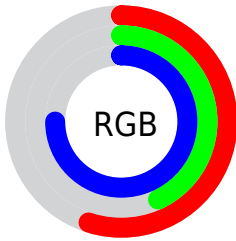
Format	Color
R_{YB}	141, 109, 190
Decimal	9268670
CIE _{Lab}	52.19, 29.59, -38.04
CIE _{LCh}	52, 48.189, 307.881
Yxy	20.3177, 0.2645, 0.2087
Android (android.graphics.Color)	4287458750 (0xFF8D6DBE)
YUV	127.8020, 30.6636, 11.5746
Hunter-Lab	45.0752, 23.0900, -35.9067

Details

The Yxy color $20.3177, 0.2645, 0.2087$ is a dark color, and the websafe version is hex `9966CC`. A complement of this color would be $45.2040, 0.3465, 0.4440$, and the grayscale version is $21.4088, 0.3127, 0.3290$.

A 20% lighter version of the original color is $43.9409, 0.2753, 0.2313$, and $7.1898, 0.2444, 0.1734$ is the 20% darker color. If you saturate the color by 10%, you get $15.7378, 0.2498, 0.1780$, and if you desaturate by 10%, it is $25.8799, 0.2781, 0.2395$.

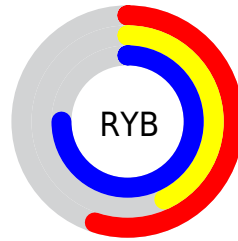
Distribution



Red (55%)

Green (43%)

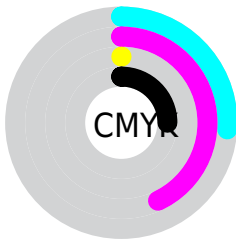
Blue (75%)



Red (55%)

Yellow (43%)

Blue (75%)

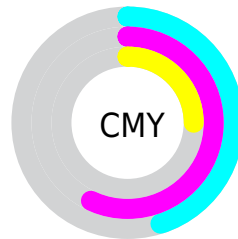


Cyan (26%)

Magenta (43%)

Yellow (0%)

Black (25%)



Cyan (45%)


Magenta (57%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.3177, 0.2645, 0.2087 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 20.3177, 0.2645, 0.2087 by changing the saturation by 10% instead.


 20.3177, 0.2645,
0.2087


 20.3177, 0.2645,
0.2087


253.6299, 0.2926,
0.2710


 12.6262, 0.2562,
0.1929


 43.9492, 0.2757,
0.2316


 7.1717, 0.2448,
0.1727


 60.6580, 0.2796,
0.2402

 3.5697, 0.2283,
0.1463

 81.1413, 0.2827,
0.2473

 1.4359, 0.2032,
0.1112

 105.7835, 0.2854,
0.2535

 0.2429, 0.1666,
0.0422

134.9691, 0.2876,
0.2588

 0.0000, 0.0000,
0.0000

169.0825, 0.2895,

0.2634

208.5079, 0.2911,
0.2674

■ 20.3177, 0.2645,
0.2087

■ 20.3177, 0.2645,
0.2087

■ 15.7378, 0.2498,
0.1780

■ 25.8799, 0.2781,
0.2395

■ 12.0776, 0.2344,
0.1488

■ 32.4771, 0.2904,
0.2692

■ 9.2709, 0.2191,
0.1229

■ 40.1607, 0.3012,
0.2970

■ 7.2410, 0.2047,
0.1018

■ 48.9782, 0.3105,
0.3226

■ 5.8966, 0.1918,
0.0865

■ 58.9742, 0.3185,
0.3459

■ 5.2181, 0.1835,
0.0785

■ 70.1906, 0.3252,
0.3667

■ 82.6677, 0.3309,
0.3852

■ 92.5526, 0.3366,
0.3961

■ 94.5494, 0.3443,
0.3945

Harmonies

Analogous

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



20.3177, 0.2015, 0.1983



20.3177, 0.2645, 0.2087



20.3177, 0.3520, 0.2423

Triad

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



20.3177, 0.2645, 0.2087



20.3177, 0.4745, 0.4171



20.3177, 0.1966, 0.3519

Complementary

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



20.3177, 0.2645, 0.2087



45.2040, 0.3465, 0.4440

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.



20.3177, 0.2590, 0.4468



20.3177, 0.2645, 0.2087



20.3177, 0.4196, 0.4726

Square

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



20.3177, 0.2645, 0.2087



20.3177, 0.4846, 0.3539



20.3177, 0.3408, 0.4930



20.3177, 0.1667, 0.2658

Rectangle

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



20.3177, 0.2645, 0.2087



20.3177, 0.4119, 0.2749



20.3177, 0.3408, 0.4930



20.3177, 0.2141, 0.3852

Sweetspot

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



20.3185, 0.2645, 0.2087



71.9152, 0.3006, 0.2955



31.7499, 0.2475, 0.2807



15.0754, 0.2983, 0.2894



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



20.3185, 0.2645, 0.2087



29.1255, 0.2510, 0.1805



24.4250, 0.3071, 0.2224



9.4044, 0.3044, 0.3057



3.5120, 0.1848, 0.0792



0.1757, 0.2132, 0.0948

Inverse Universe

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



24.3531, 0.3553, 0.2632



37.6154, 0.3685, 0.2499



41.8188, 0.3136, 0.4568



9.6307, 0.3196, 0.3152



8.1167, 0.4502, 0.2254



0.3305, 0.4114, 0.2040

Previews

White Background



This preview shows how the Yxy color 20.3177, 0.2645, 0.2087 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 20.3177, 0.2645, 0.2087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

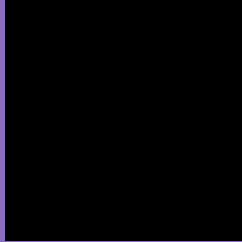
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.3177, 0.2645, 0.2087

Background



This preview shows how black text looks on a background with the Yxy color 20.3177, 0.2645, 0.2087.



This preview shows how white text looks on a background with the Yxy color 20.3177, 0.2645, 0.2087.

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

20.3177, 0.2645, 0.2087

Protanopia

20.5158, 0.2197, 0.2038

Deuteranopia

20.4900, 0.2299, 0.2243



Tritanopia

20.3036, 0.3123, 0.3129

Trichromacy



Original Color

20.3177, 0.2645, 0.2087

Protanomaly

20.1333, 0.2332, 0.2041

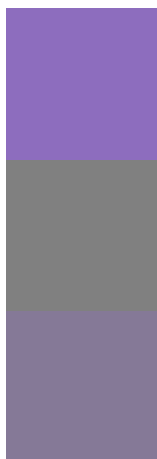
Deuteranomaly

20.2692, 0.2406, 0.2181

Tritanomaly

20.0579, 0.2940, 0.2698

Monochromacy



Original Color

20.3177, 0.2645, 0.2087

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

20.8957, 0.2941, 0.2781

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.3177, 0.2645, 0.2087 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, 109, 190)` looks like.

```
.text, #text, p{  
    color:rgb(141, 109, 190)  
}
```

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, 109, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 109, 190) }
```

Border

The CSS property to change the border of an element to Yxy 20.3177, 0.2645, 0.2087 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, 109, 190) }
```

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

```
.border{ border-color:rgb(141, 109, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 109, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 109, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 109, 190);  
box-shadow:4px 4px 4px 4px rgb(141, 109,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 20.3177, 0.2645, 0.2087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 109, 190) }
```

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

```
.background{ background-color: rgb(141,  
109, 190) }
```

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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