

Converting Colors

$Y_{xy}(11.1091, 0.3782, 0.2061)$

Have a look what the booklet for
Yxy(11.1091, 0.3782, 0.2061)
contains.

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Color

Yxy(11.0891, 0.3769, 0.2055)

Conversions

Conversions Part 1

Format	Color
Hex	A52783
RGB	165, 39, 131
RGB Percent	65%, 15%, 51%
CMY	0.3529, 0.8470, 0.4863
CMYK	0.00, 0.76, 0.21, 0.35
HSL	316°, 62%, 40%
HSV	316°, 76%, 65%
XYZ	20.3381, 11.0891, 22.5343
YIQ	87.1620, 45.5640, 55.3240

Conversions

Conversions Part 2

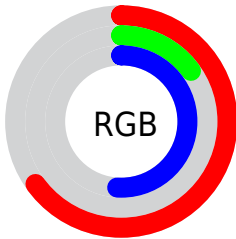
Format	Color
R_{YB}	165, 39, 131
Decimal	10823555
CIE _{Lab}	39.73, 58.85, -22.22
CIE _{LCh}	40, 62.899, 339.317
Yxy	11.0891, 0.3769, 0.2055
Android (android.graphics.Color)	4289013635 (0xFFFA52783)
YUV	87.1620, 21.6121, 68.2639
Hunter-Lab	33.3003, 50.7431, -16.8114

Details

The Yxy color **11.0891, 0.3769, 0.2055** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **27.8232, 0.2860, 0.5135**, and the grayscale version is **9.5145, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.6981, 0.3629, 0.2319**, and **3.8453, 0.3945, 0.1947** is the 20% darker color. If you saturate the color by 10%, you get **10.1131, 0.3879, 0.2000**, and if you desaturate by 10%, it is **12.5427, 0.3660, 0.2154**.

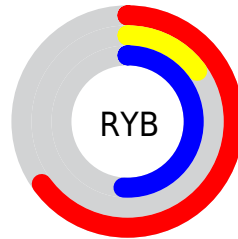
Distribution



Red (65%)

Green (15%)

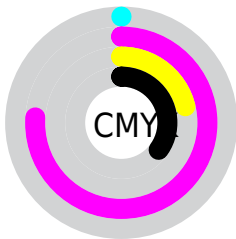
Blue (51%)



Red (65%)

Yellow (15%)

Blue (51%)

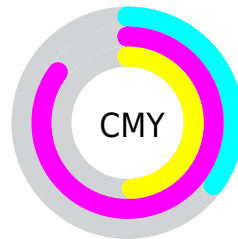


Cyan (0%)

Magenta (76%)

Yellow (21%)

Black (35%)



Cyan (35%)


Magenta (85%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.0891, 0.3769, 0.2055 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 11.0891, 0.3769, 0.2055 by changing the saturation by 10% instead.


 11.0891, 0.3769,
0.2055


 11.0891, 0.3769,
0.2055


198.2778, 0.3409,
0.2742


 6.1268, 0.3873,
0.1861


 27.8248, 0.3628,
0.2322

 2.9223, 0.4014,
0.1600


 40.3670, 0.3578,
0.2417


 1.0913, 0.4213,
0.1236

 56.2046, 0.3537,
0.2495

 0.0000, 0.4859,
0.0000

 75.7221, 0.3503,
0.2560

 0.0000, 0.5303,
0.0000

 99.3037, 0.3474,
0.2616

 0.0000, 0.0000,
0.0000

 127.3339, 0.3449,

0.2664

160.1972, 0.3428,
0.2705

■ 11.0891, 0.3769,
0.2055

■ 11.0891, 0.3769,
0.2055

■ 10.1131, 0.3879,
0.2000

■ 12.5427, 0.3660,
0.2154

■ 9.5368, 0.3987,
0.1991

■ 14.5266, 0.3555,
0.2289

■ 9.3662, 0.4027,
0.1992

■ 17.0883, 0.3457,
0.2450

■ 20.2697, 0.3368,
0.2628

■ 24.1086, 0.3289,
0.2813

■ 28.6401, 0.3220,
0.2998

■ 33.8964, 0.3160,
0.3179

■ 39.9079, 0.3110,
0.3352

■ 46.7032, 0.3067,
0.3514

Harmonies

Analogous

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



11.0891, 0.2418, 0.1605



11.0891, 0.3769, 0.2055



11.0891, 0.5158, 0.2723

Triad

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



11.0891, 0.3769, 0.2055



11.0891, 0.4451, 0.5333



11.0891, 0.1056, 0.2190

Complementary

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



11.0891, 0.3769, 0.2055



27.8232, 0.2860, 0.5135

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.



11.0891, 0.1355, 0.3496



11.0891, 0.3769, 0.2055



11.0891, 0.3278, 0.5944

Square

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



11.0891, 0.3769, 0.2055



11.0891, 0.5388, 0.4347



11.0891, 0.2149, 0.5252



11.0891, 0.1132, 0.1594

Rectangle

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



11.0891, 0.3769, 0.2055



11.0891, 0.5677, 0.3223



11.0891, 0.2149, 0.5252



11.0891, 0.1107, 0.2535

Sweetspot

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



11.0897, 0.3769, 0.2055



45.4249, 0.3267, 0.2867



5.5702, 0.1971, 0.1072



9.3563, 0.3292, 0.2803



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



11.0897, 0.3769, 0.2055



17.3041, 0.3958, 0.1990



9.8739, 0.5133, 0.2930



7.1694, 0.3177, 0.3127



7.0943, 0.4017, 0.1986



0.1563, 0.3669, 0.1795

Inverse Universe

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



11.0897, 0.3769, 0.2055



17.3041, 0.3958, 0.1990



29.1081, 0.2475, 0.3851



7.1694, 0.3177, 0.3127



7.0943, 0.4017, 0.1986



0.1563, 0.3669, 0.1795

Previews

White Background



This preview shows how the Yxy color 11.0891, 0.3769, 0.2055 looks on a white 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

Black Background



This preview shows how the Yxy color 11.0891, 0.3769, 0.2055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

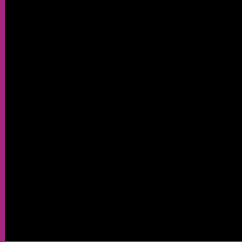
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.0891, 0.3769, 0.2055

Background



This preview shows how black text looks on a background with the Yxy color 11.0891, 0.3769, 0.2055.



This preview shows how white text looks on a background with the Yxy color 11.0891, 0.3769, 0.2055.

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

11.0891, 0.3769, 0.2055

Protanopia

11.4557, 0.1971, 0.1751

Deuteranopia

11.3586, 0.2656, 0.2606



Tritanopia

11.0901, 0.4939, 0.3237

Trichromacy



Original Color

11.0891, 0.3769, 0.2055

Protanomaly

9.6134, 0.2340, 0.1708

Deuteranomaly

10.0104, 0.2999, 0.2238

Tritanomaly

10.8445, 0.4531, 0.2765

Monochromacy



Original Color

11.0891, 0.3769, 0.2055

Achromatopsia

9.5307, 0.3127, 0.3290

Achromatomaly

9.0044, 0.3378, 0.2597

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.0891, 0.3769, 0.2055 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(165, 39, 131)` looks like.

```
.text, #text, p{  
    color:rgb(165, 39, 131)  
}
```

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(165, 39, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 39, 131) }
```

Border

The CSS property to change the border of an element to Yxy 11.0891, 0.3769, 0.2055 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(165, 39, 131) }
```

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

```
.border{ border-color:rgb(165, 39, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 39, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 39, 131); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 39, 131); box-shadow:4px 4px 4px 4px rgb(165, 39, 131) }
```


Background

The CSS property to change the background color of an element to Yxy 11.0891, 0.3769, 0.2055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 39, 131) }
```

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

```
.background{ background-color: rgb(165, 39,  
131) }
```

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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