

Converting Colors

$Y_{xy}(11.2626, 0.2106, 0.1361)$

Have a look what the booklet for
Yxy(11.2626, 0.2106, 0.1361)
contains.

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Color

Yxy(11.2626, 0.2106, 0.1361)

Conversions

Conversions Part 1

Format	Color
Hex	6248C5
RGB	98, 72, 197
RGB Percent	38%, 28%, 77%
CMY	0.6158, 0.7176, 0.2276
CMYK	0.50, 0.63, 0.00, 0.23
HSL	252°, 52%, 53%
HSV	252°, 63%, 77%
XYZ	17.4277, 11.2626, 54.0621
YIQ	94.0240, -24.6290, 44.3870

Conversions

Conversions Part 2

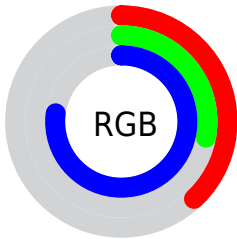
Format	Color
RYB	98, 72, 197
Decimal	6441157
CIELab	40.02, 42.59, -61.79
CIElCh	40, 75.044, 304.581
Yxy	11.2626, 0.2106, 0.1361
Android (android.graphics.Color)	4284631237 (0xFF6248C5)
YUV	94.0240, 50.7672, 3.4870
Hunter-Lab	33.5598, 33.9657, -72.0196

Details

The Yxy color **11.2626, 0.2106, 0.1361** is a dark color, and the websafe version is hex **663399**. The color can be described as dark muted purple. A complement of this color would be **49.0483, 0.3771, 0.4877**, and the grayscale version is **11.0824, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.2070, 0.2348, 0.1710**, and **2.9883, 0.1696, 0.0860** is the 20% darker color. If you saturate the color by 10%, you get **8.3256, 0.1931, 0.1084**, and if you desaturate by 10%, it is **15.1852, 0.2292, 0.1676**.

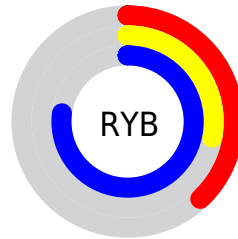
Distribution



Red (38%)

Green (28%)

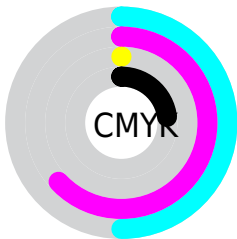
Blue (77%)



Red (38%)

Yellow (28%)

Blue (77%)

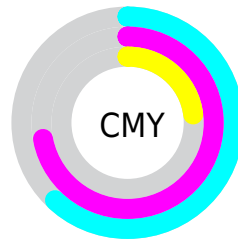


Cyan (50%)

Magenta (63%)

Yellow (0%)

Black (23%)



Cyan (62%)

Magenta (72%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 11.2626, 0.2106, 0.1361 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 11.2626, 0.2106, 0.1361 by changing the saturation by 10% instead.

■ 11.2626, 0.2106,
0.1361

■ 11.2626, 0.2106,
0.1361

■ 199.4604, 0.2715,
0.2347

■ 6.2438, 0.1929,
0.1132

■ 28.1447, 0.2348,
0.1712

■ 2.9939, 0.1694,
0.0861

■ 40.7768, 0.2433,
0.1848

■ 1.1285, 0.1377,
0.0552

■ 56.7155, 0.2503,
0.1963

■ 0.0021, 0.0981,
0.0002

■ 76.3450, 0.2560,
0.2062

■ 0.0000, 0.0000,
0.0000

■ 100.0499, 0.2609,
0.2148

128.2145, 0.2650,

0.2223

161.2232, 0.2685,
0.2289

■ 11.2626, 0.2106,
0.1361

■ 11.2626, 0.2106,
0.1361

■ 8.3256, 0.1931,
0.1084

■ 15.1852, 0.2292,
0.1676

■ 6.2821, 0.1780,
0.0866

■ 20.1719, 0.2478,
0.2008

■ 5.0240, 0.1661,
0.0720

■ 26.2942, 0.2654,
0.2338

■ 4.4996, 0.1602,
0.0656

■ 33.6173, 0.2816,
0.2653

■ 42.2012, 0.2961,
0.2944

■ 52.1019, 0.3088,
0.3206

■ 63.3720, 0.3197,
0.3440

■ 76.0613, 0.3291,
0.3647

■ 90.2169, 0.3371,
0.3828

Harmonies

Analogous

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



11.2626, 0.1262, 0.1234



11.2626, 0.2106, 0.1361



11.2626, 0.3579, 0.1793

Triad

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



11.2626, 0.2106, 0.1361



11.2626, 0.5787, 0.4182



11.2626, 0.1194, 0.3821

Complementary

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



11.2626, 0.2106, 0.1361



49.0483, 0.3771, 0.4877

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.



11.2626, 0.2110, 0.5966



11.2626, 0.2106, 0.1361



11.2626, 0.4685, 0.5315

Square

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



11.2626, 0.2106, 0.1361



11.2626, 0.6127, 0.3254



11.2626, 0.3370, 0.6346



11.2626, 0.0842, 0.2151

Rectangle

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



11.2626, 0.2106, 0.1361



11.2626, 0.4763, 0.2232



11.2626, 0.3370, 0.6346



11.2626, 0.1436, 0.4588

Sweetspot

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



11.2629, 0.2106, 0.1361



66.3205, 0.2878, 0.2777



34.9070, 0.2282, 0.2897



13.2726, 0.2835, 0.2690



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



11.2629, 0.2106, 0.1361



13.3720, 0.1871, 0.0995



16.0884, 0.2751, 0.1652



10.3918, 0.3014, 0.3053



2.9899, 0.1611, 0.0661



0.1734, 0.1818, 0.0775

Inverse Universe

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



19.4452, 0.3526, 0.2098



29.5120, 0.3639, 0.1947



43.6718, 0.3263, 0.5181



10.7774, 0.3169, 0.3109



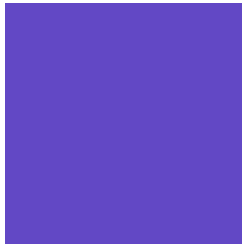
9.4006, 0.3810, 0.1872



0.4549, 0.3661, 0.1791

Previews

White Background



This preview shows how the Yxy color 11.2626, 0.2106, 0.1361 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 11.2626, 0.2106, 0.1361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

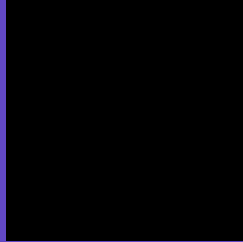
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

Yxy 11.2626, 0.2106, 0.1361

Background



This preview shows how black text looks on a background with the Yxy color 11.2626, 0.2106, 0.1361.



This preview shows how white text looks on a background with the Yxy color 11.2626, 0.2106, 0.1361.

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

11.2626, 0.2106, 0.1361

Protanopia

11.2879, 0.1747, 0.1487

Deuteranopia

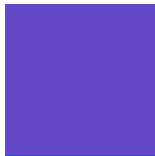
11.1558, 0.1846, 0.1846



Tritanopia

11.3248, 0.2653, 0.3092

Trichromacy



Original Color

11.2626, 0.2106, 0.1361



Protanomaly

10.6108, 0.1780, 0.1385



Deuteranomaly

10.4058, 0.1842, 0.1575



Tritanomaly

10.7875, 0.2399, 0.2212

Monochromacy



Original Color

11.2626, 0.2106, 0.1361



Achromatopsia

11.1932, 0.3127, 0.3290



Achromatomaly

10.7272, 0.2653, 0.2343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.2626, 0.2106, 0.1361 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(98, 72, 197)` looks like.

```
.text, #text, p{  
    color:rgb(98, 72, 197)  
}
```

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(98, 72, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 72, 197) }
```

Border

The CSS property to change the border of an element to Yxy 11.2626, 0.2106, 0.1361 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(98, 72, 197) }
```

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

```
.border{ border-color:rgb(98, 72, 197) }
```

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

Here you see how a box with a 4 pixel rgb(98, 72, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 72, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 72, 197);  
box-shadow:4px 4px 4px 4px rgb(98, 72,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 11.2626, 0.2106, 0.1361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 72, 197) }
```

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

```
.background{ background-color: rgb(98, 72,  
197) }
```

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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