

Converting Colors

$Y_{xy}(11.4773, 0.2446, 0.1396)$

Have a look what the booklet for
Yxy(11.4773, 0.2446, 0.1396)
contains.

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Color

Yxy(11.4337, 0.2450, 0.1395)

Conversions

Conversions Part 1

Format	Color
Hex	8239BF
RGB	130, 57, 191
RGB Percent	51%, 22%, 75%
CMY	0.4900, 0.7767, 0.2509
CMYK	0.32, 0.70, 0.00, 0.25
HSL	273°, 54%, 49%
HSV	273°, 70%, 75%
XYZ	20.0807, 11.4337, 50.4476
YIQ	94.1030, 0.4940, 57.1500

Conversions

Conversions Part 2

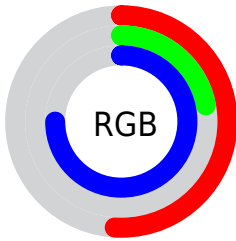
Format	Color
R_{YB}	130, 57, 191
Decimal	8534463
CIE _{Lab}	40.30, 55.12, -57.69
CIE _{LCh}	40, 79.785, 313.694
Yxy	11.4337, 0.2450, 0.1395
Android (android.graphics.Color)	4286724543 (0xFF8239BF)
YUV	94.1030, 47.7702, 31.4817
Hunter-Lab	33.8138, 46.8302, -64.7867

Details

The Yxy color **11.4337, 0.2450, 0.1395** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **41.4085, 0.3410, 0.5263**, and the grayscale version is **11.1015, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.4940, 0.2630, 0.1742**, and **3.2334, 0.2135, 0.0950** is the 20% darker color. If you saturate the color by 10%, you get **9.2308, 0.2330, 0.1193**, and if you desaturate by 10%, it is **14.4053, 0.2571, 0.1639**.

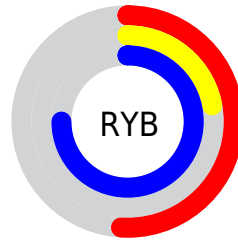
Distribution



Red (51%)

Green (22%)

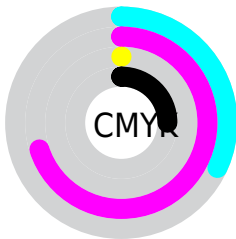
Blue (75%)



Red (51%)

Yellow (22%)

Blue (75%)

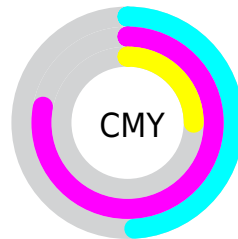


Cyan (32%)

Magenta (70%)

Yellow (0%)

Black (25%)



Cyan (49%)

Magenta (78%)

Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 11.4337, 0.2450, 0.1395 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 11.4337, 0.2450, 0.1395 by changing the saturation by 10% instead.


 11.4337, 0.2450,
0.1395


 11.4337, 0.2450,
0.1395


 200.6193, 0.2881,
0.2357


 6.3593, 0.2313,
0.1171


 28.4594, 0.2629,
0.1738


 3.0648, 0.2122,
0.0903


 41.1796, 0.2690,
0.1870


 1.1657, 0.1847,
0.0592

 57.2171, 0.2738,
0.1982

 0.0334, 0.1480,
0.0033

 76.9564, 0.2778,
0.2079

 0.0000, 0.0690,
0.0000

 100.7819, 0.2810,
0.2162

 0.0000, 0.0000,
0.0000

 129.0779, 0.2838,

0.2236

162.2289, 0.2861,
0.2300

■ 11.4337, 0.2450,
0.1395

■ 11.4337, 0.2450,
0.1395

■ 9.2308, 0.2330,
0.1193

■ 14.4053, 0.2571,
0.1639

■ 7.7096, 0.2216,
0.1041

■ 18.2172, 0.2688,
0.1911

■ 6.7151, 0.2112,
0.0937

■ 22.9339, 0.2798,
0.2199

■ 28.6131, 0.2897,
0.2488

■ 35.3075, 0.2985,
0.2770

■ 43.0660, 0.3061,
0.3037

■ 51.9341, 0.3126,
0.3286

■ 61.9549, 0.3181,
0.3513

■ 73.1688, 0.3226,
0.3720

Harmonies

Analogous

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



11.4337, 0.1396, 0.1173



11.4337, 0.2450, 0.1395



11.4337, 0.4166, 0.1925

Triad

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



11.4337, 0.2450, 0.1395



11.4337, 0.5533, 0.4467



11.4337, 0.0949, 0.3169

Complementary

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



11.4337, 0.2450, 0.1395



41.4085, 0.3410, 0.5263

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.



11.4337, 0.1693, 0.5554



11.4337, 0.2450, 0.1395



11.4337, 0.4271, 0.5729

Square

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



11.4337, 0.2450, 0.1395



11.4337, 0.6236, 0.3460



11.4337, 0.2904, 0.6618



11.4337, 0.0750, 0.1780

Rectangle

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



11.4337, 0.2450, 0.1395



11.4337, 0.5363, 0.2409



11.4337, 0.2904, 0.6618



11.4337, 0.1127, 0.3907

Sweetspot

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



11.4341, 0.2450, 0.1395



61.7542, 0.2976, 0.2738



17.9471, 0.2028, 0.2051



12.7969, 0.2952, 0.2660



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.



11.4341, 0.2450, 0.1395



14.9866, 0.2270, 0.1108



17.5683, 0.3255, 0.1794



9.4747, 0.3067, 0.3059



4.4607, 0.2126, 0.0945



0.2131, 0.2379, 0.1084

Inverse Universe

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



15.3056, 0.4354, 0.2542



23.0496, 0.4768, 0.2524



38.4783, 0.3006, 0.5463



9.6066, 0.3219, 0.3186



7.7456, 0.5124, 0.2596



0.3166, 0.4550, 0.2280

Previews

White Background



This preview shows how the Yxy color 11.4337, 0.2450, 0.1395 looks on a white background.

Color Contrast Check

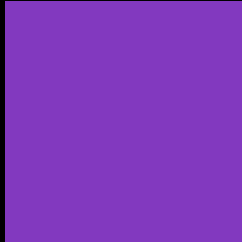
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.4337, 0.2450, 0.1395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

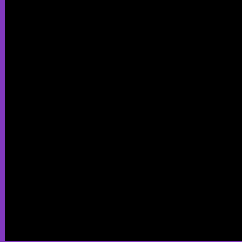
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.4337, 0.2450, 0.1395

Background



This preview shows how black text looks on a background with the Yxy color 11.4337, 0.2450, 0.1395.



This preview shows how white text looks on a background with the Yxy color 11.4337, 0.2450, 0.1395.

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

11.4337, 0.2450, 0.1395

Protanopia

11.5944, 0.1744, 0.1479

Deuteranopia

11.4517, 0.1841, 0.1829



Tritanopia

11.4340, 0.3395, 0.3139

Trichromacy



Original Color

11.4337, 0.2450, 0.1395

Protanomaly

10.0913, 0.1802, 0.1327

Deuteranomaly

9.8533, 0.1868, 0.1505

Tritanomaly

10.8684, 0.2989, 0.2262

Monochromacy



Original Color

11.4337, 0.2450, 0.1395

Achromatopsia

11.1932, 0.3127, 0.3290

Achromatomaly

10.5956, 0.2838, 0.2319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.4337, 0.2450, 0.1395 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(130, 57, 191)` looks like.

```
.text, #text, p{  
  color:rgb(130, 57, 191)  
}
```

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(130, 57, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 57, 191) }
```

Border

The CSS property to change the border of an element to Yxy 11.4337, 0.2450, 0.1395 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(130, 57, 191) }
```

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

```
.border{ border-color:rgb(130, 57, 191) }
```

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

Here you see how a box with a 4 pixel rgb(130, 57, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 57, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 57, 191);  
box-shadow:4px 4px 4px 4px rgb(130, 57,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 11.4337, 0.2450, 0.1395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 57, 191) }
```

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

```
.background{ background-color: rgb(130, 57,  
191) }
```

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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