

Converting Colors

$Y_{xy}(13.9157, 0.2361, 0.1775)$

Have a look what the booklet for
Yxy(13.9157, 0.2361, 0.1775)
contains.

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Color

Yxy(13.8372, 0.2358, 0.1769)

Conversions

Conversions Part 1

Format	Color
Hex	6E59B6
RGB	110, 89, 182
RGB Percent	43%, 35%, 71%
CMY	0.5686, 0.6510, 0.2864
CMYK	0.40, 0.51, 0.00, 0.29
HSL	254°, 39%, 53%
HSV	254°, 51%, 71%
XYZ	18.4444, 13.8372, 45.9389
YIQ	105.8810, -17.3370, 33.3750

Conversions

Conversions Part 2

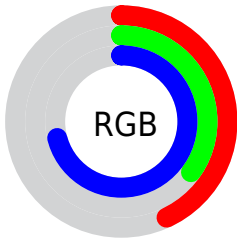
Format	Color
R _Y B	110, 89, 182
Decimal	7231926
CIE Lab	44.00, 30.86, -46.56
CIE LCh	44, 55.858, 303.538
Yxy	13.8372, 0.2358, 0.1769
Android (android.graphics.Color)	4285422006 (0xFF6E59B6)
YUV	105.8810, 37.5267, 3.6124
Hunter-Lab	37.1984, 23.4100, -47.1825

Details

The Yxy color **13.8372, 0.2358, 0.1769** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **41.7395, 0.3662, 0.4601**, and the grayscale version is **14.2788, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.6966, 0.2538, 0.2058**, and **4.1270, 0.2035, 0.1314** is the 20% darker color. If you saturate the color by 10%, you get **10.3411, 0.2175, 0.1451**, and if you desaturate by 10%, it is **18.2264, 0.2538, 0.2098**.

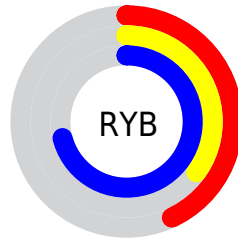
Distribution



Red (43%)

Green (35%)

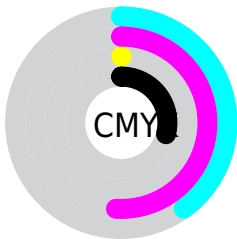
Blue (71%)



Red (43%)

Yellow (35%)

Blue (71%)

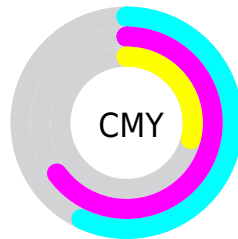


Cyan (40%)

Magenta (51%)

Yellow (0%)

Black (29%)



Cyan (57%)

Magenta (65%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 13.8372, 0.2358, 0.1769 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 13.8372, 0.2358, 0.1769 by changing the saturation by 10% instead.

■ 13.8372, 0.2358,
0.1769

■ 13.8372, 0.2358,
0.1769

■ 216.2157, 0.2816,
0.2576

■ 8.0075, 0.2220,
0.1563

■ 32.7999, 0.2542,
0.2068

■ 4.0998, 0.2029,
0.1303

■ 46.7017, 0.2606,
0.2179

■ 1.7295, 0.1758,
0.0973

■ 64.0630, 0.2658,
0.2273

■ 0.4427, 0.1370,
0.0497

■ 85.2682, 0.2701,
0.2352

■ 0.0000, 0.0333,
0.0000

■ 110.7016, 0.2737,
0.2420

■ 0.0000, 0.0000,
0.0000

140.7478, 0.2767,

0.2479

175.7910, 0.2793,
0.2530

■ 13.8372, 0.2358,
0.1769

■ 13.8372, 0.2358,
0.1769

■ 10.3411, 0.2175,
0.1451

■ 18.2264, 0.2538,
0.2098

■ 7.6738, 0.1998,
0.1165

■ 23.5640, 0.2707,
0.2422

■ 5.7641, 0.1840,
0.0931

■ 29.9025, 0.2860,
0.2728

■ 4.5283, 0.1710,
0.0764

■ 37.2902, 0.2996,
0.3010

■ 3.8499, 0.1622,
0.0667

■ 45.7720, 0.3115,
0.3264

■ 55.3903, 0.3218,
0.3490

■ 66.1853, 0.3305,
0.3690

■ 78.1951, 0.3380,
0.3865

■ 91.4562, 0.3443,
0.4019

Harmonies

Analogous

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



13.8372, 0.1660, 0.1679



13.8372, 0.2358, 0.1769



13.8372, 0.3441, 0.2130

Triad

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



13.8372, 0.2358, 0.1769



13.8372, 0.5212, 0.4163



13.8372, 0.1725, 0.3759

Complementary

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



13.8372, 0.2358, 0.1769



41.7395, 0.3662, 0.4601

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.



13.8372, 0.2525, 0.5062



13.8372, 0.2358, 0.1769



13.8372, 0.4520, 0.4951

Square

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



13.8372, 0.2358, 0.1769



13.8372, 0.5316, 0.3404



13.8372, 0.3547, 0.5464



13.8372, 0.1341, 0.2560

Rectangle

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



13.8372, 0.2358, 0.1769



13.8372, 0.4255, 0.2498



13.8372, 0.3547, 0.5464



13.8372, 0.1949, 0.4233

Sweetspot

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



13.8377, 0.2358, 0.1769



61.8112, 0.2942, 0.2896



31.2809, 0.2409, 0.2960



13.0322, 0.2913, 0.2836



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



13.8377, 0.2358, 0.1769



18.2351, 0.2158, 0.1422



17.5534, 0.2867, 0.1962



8.8147, 0.3018, 0.3056



2.7449, 0.1631, 0.0672



0.1250, 0.1898, 0.0819

Inverse Universe

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



19.6597, 0.3450, 0.2316



30.1518, 0.3543, 0.2145



37.8339, 0.3251, 0.4796



9.1271, 0.3171, 0.3115



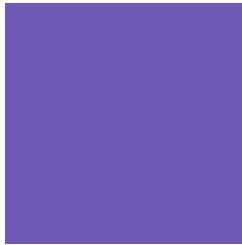
8.3891, 0.3868, 0.1905



0.3044, 0.3666, 0.1793

Previews

White Background



This preview shows how the Yxy color 13.8372, 0.2358, 0.1769 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 13.8372, 0.2358, 0.1769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

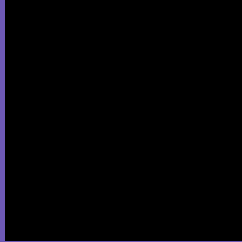
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 13.8372, 0.2358, 0.1769

Background



This preview shows how black text looks on a background with the Yxy color 13.8372, 0.2358, 0.1769.



This preview shows how white text looks on a background with the Yxy color 13.8372, 0.2358, 0.1769.

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

13.8372, 0.2358, 0.1769

Protanopia

14.0146, 0.1926, 0.1691

Deuteranopia

13.9459, 0.1978, 0.1929



Tritanopia

13.9027, 0.2869, 0.3115

Trichromacy



Original Color

13.8372, 0.2358, 0.1769

Protanomaly

13.7629, 0.2040, 0.1705

Deuteranomaly

13.5179, 0.2077, 0.1847

Tritanomaly

13.6877, 0.2657, 0.2513

Monochromacy



Original Color

13.8372, 0.2358, 0.1769

Achromatopsia

14.4128, 0.3127, 0.3290

Achromatomaly

13.9614, 0.2797, 0.2617

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.8372, 0.2358, 0.1769 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(110, 89, 182)` looks like.

```
.text, #text, p{  
    color:rgb(110, 89, 182)  
}
```

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(110, 89, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 89, 182) }
```

Border

The CSS property to change the border of an element to Yxy 13.8372, 0.2358, 0.1769 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(110, 89, 182) }
```

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

```
.border{ border-color:rgb(110, 89, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 89, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 89, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 89, 182);  
box-shadow:4px 4px 4px 4px rgb(110, 89,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 13.8372, 0.2358, 0.1769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 89, 182) }
```

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

```
.background{ background-color: rgb(110, 89,  
182) }
```

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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