

Converting Colors

$Y_{xy}(35.0060, 0.2744, 0.2228)$

Have a look what the booklet for
Yxy(35.0060, 0.2744, 0.2228)
contains.

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Color

Yxy(35.0043, 0.2744, 0.2221)

Conversions

Conversions Part 1

Format	Color
Hex	B68EE6
RGB	182, 142, 230
RGB Percent	71%, 56%, 90%
CMY	0.2863, 0.4431, 0.0980
CMYK	0.21, 0.38, 0.00, 0.10
HSL	267°, 64%, 73%
HSV	267°, 38%, 90%
XYZ	43.2471, 35.0043, 79.3546
YIQ	163.9920, -4.4080, 35.8480

Conversions

Conversions Part 2

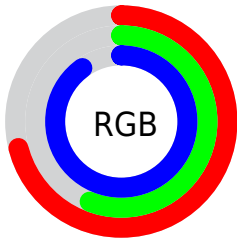
Format	Color
RYB	182, 142, 230
Decimal	11964134
CIELab	65.75, 32.19, -39.03
CIELCh	66, 50.595, 309.514
Yxy	35.0043, 0.2744, 0.2221
Android (android.graphics.Color)	4290154214 (0xFFB68EE6)
YUV	163.9920, 32.5419, 15.7930
Hunter-Lab	59.1644, 26.9394, -38.1080

Details

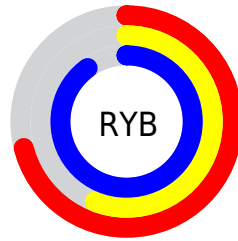
The Yxy color **35.0043, 0.2744, 0.2221** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **69.5103, 0.3400, 0.4342**, and the grayscale version is **36.9649, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.0506, 0.3036, 0.2691**, and **15.0502, 0.2612, 0.1953** is the 20% darker color. If you saturate the color by 10%, you get **27.3921, 0.2612, 0.1916**, and if you desaturate by 10%, it is **44.1685, 0.2864, 0.2523**.

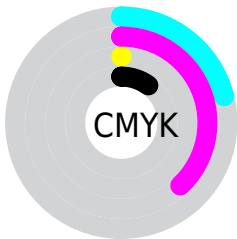
Distribution



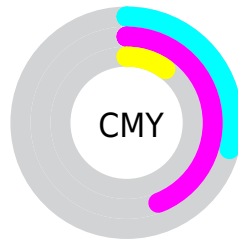
- Red (71%)
- Green (56%)
- Blue (90%)



- Red (71%)
- Yellow (56%)
- Blue (90%)



- Cyan (21%)
- Magenta (38%)
- Yellow (0%)
- Black (10%)




- Cyan (29%)
- Magenta (44%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.0043, 0.2744, 0.2221 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 35.0043, 0.2744, 0.2221 by changing the saturation by 10% instead.


 35.0043, 0.2744,
0.2221


 35.0043, 0.2744,
0.2221


324.5873, 0.2952,
0.2733

 23.6662, 0.2689,
0.2102


 67.4924, 0.2822,
0.2401

 15.0862, 0.2616,
0.1954


 89.4112, 0.2851,
0.2471

 8.8799, 0.2517,
0.1767


 115.6257, 0.2875,
0.2530

 4.6629, 0.2377,
0.1526

146.5203, 0.2895,
0.2582

 2.0509, 0.2167,
0.1210

182.4794, 0.2912,
0.2627

 0.6368, 0.1840,
0.0771

223.8873, 0.2927,

 0.0000, 0.1067,

0.2666


0.0000


271.1285, 0.2940,
0.2702

 0.0000, 0.0000,
0.0000


 35.0043, 0.2744,
0.2221


 35.0043, 0.2744,
0.2221


 27.3921, 0.2612,
0.1916


 44.1685, 0.2864,
0.2523


 21.2367, 0.2472,
0.1623


 54.9639, 0.2969,
0.2813


 16.4384, 0.2328,
0.1356

 67.4694, 0.3061,
0.3083

 12.8829, 0.2188,
0.1132

 81.7572, 0.3140,
0.3331

 10.4358, 0.2057,
0.0962

 96.6024, 0.3208,
0.3537

■ 8.9065, 0.1942,
0.0850

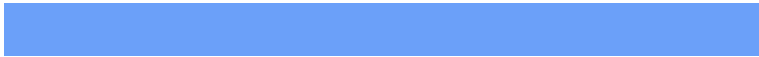
■ 98.4943, 0.3274,
0.3532

■ 8.6869, 0.1924,
0.0833

Harmonies

Analogous

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



35.0043, 0.2159, 0.2117



35.0043, 0.2744, 0.2221



35.0043, 0.3522, 0.2538

Triad

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



35.0043, 0.2744, 0.2221



35.0043, 0.4551, 0.4133



35.0043, 0.2076, 0.3454

Complementary

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



35.0043, 0.2744, 0.2221



69.5103, 0.3400, 0.4342

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.



35.0043, 0.2629, 0.4266



35.0043, 0.2744, 0.2221



35.0043, 0.4061, 0.4592

Square

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



35.0043, 0.2744, 0.2221



35.0043, 0.4647, 0.3568



35.0043, 0.3356, 0.4707



35.0043, 0.1813, 0.2713

Rectangle

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



35.0043, 0.2744, 0.2221



35.0043, 0.4038, 0.2841



35.0043, 0.3356, 0.4707



35.0043, 0.2231, 0.3737

Sweetspot

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



35.0057, 0.2744, 0.2221



80.6023, 0.3037, 0.3010



48.4721, 0.2521, 0.2780



16.7813, 0.3025, 0.2973



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.



35.0057, 0.2744, 0.2221



36.3855, 0.2640, 0.1977



41.1694, 0.3131, 0.2335



14.2062, 0.3051, 0.3052



4.9877, 0.1940, 0.0842



0.4232, 0.2102, 0.0932

Inverse Universe

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



39.8935, 0.3554, 0.2747



43.6017, 0.3682, 0.2636



64.7066, 0.3100, 0.4446



14.4989, 0.3207, 0.3162



10.3950, 0.4761, 0.2397



0.7868, 0.4472, 0.2237

Previews

White Background



This preview shows how the Yxy color 35.0043, 0.2744, 0.2221 looks on a white background.

Color Contrast Check

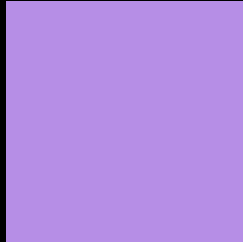
Large Text (above 18pt) WCAG AA × Fail

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 35.0043, 0.2744, 0.2221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

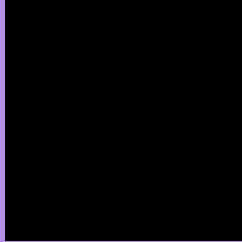
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.0043, 0.2744, 0.2221

Background



This preview shows how black text looks on a background with the Yxy color 35.0043, 0.2744, 0.2221.



This preview shows how white text looks on a background with the Yxy color 35.0043, 0.2744, 0.2221.

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

35.0043, 0.2744, 0.2221

Protanopia

35.2706, 0.2310, 0.2185

Deuteranopia

35.1507, 0.2425, 0.2362



Tritanopia

34.8906, 0.3174, 0.3121

Trichromacy



Original Color

35.0043, 0.2744, 0.2221

Protanomaly

35.0191, 0.2446, 0.2193

Deuteranomaly

34.7333, 0.2528, 0.2300

Tritanomaly

34.6444, 0.3008, 0.2751

Monochromacy



Original Color

35.0043, 0.2744, 0.2221

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.0657, 0.2988, 0.2854

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.0043, 0.2744, 0.2221 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(182, 142, 230)` looks like.

```
.text, #text, p{  
    color:rgb(182, 142, 230)  
}
```

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(182, 142, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 142, 230) }
```

Border

The CSS property to change the border of an element to Yxy 35.0043, 0.2744, 0.2221 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(182, 142, 230) }
```

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

```
.border{ border-color:rgb(182, 142, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 142, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 142, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 142, 230);  
box-shadow:4px 4px 4px 4px rgb(182, 142,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 35.0043, 0.2744, 0.2221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 142, 230) }
```

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

```
.background{ background-color: rgb(182,  
142, 230) }
```

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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