

Converting Colors

Yxy(56.3386, 0.3159, 0.2611)

Have a look what the booklet for
Yxy(56.3386, 0.3159, 0.2611)
contains.

Yxy(56.3387, 0.3159, 0.2611)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(56.3387, 0.3159, 0.2611)

Conversions

Conversions Part 1

Format	Color
Hex	F2B0F2
RGB	242, 176, 242
RGB Percent	95%, 69%, 95%
CMY	0.0511, 0.3097, 0.0510
CMYK	0.00, 0.27, 0.00, 0.05
HSL	300°, 72%, 82%
HSV	300°, 27%, 95%
XYZ	68.1631, 56.3387, 91.2726
YIQ	203.2580, 18.1500, 34.5180

Conversions

Conversions Part 2

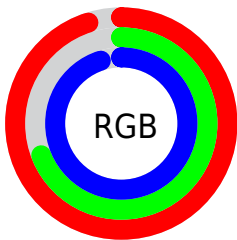
Format	Color
R _Y B	242, 176, 242
Decimal	15905010
CIE Lab	79.81, 34.59, -23.39
CIE LCh	80, 41.759, 325.929
Yxy	56.3387, 0.3159, 0.2611
Android (android.graphics.Color)	4294095090 (0xFFFF2B0F2)
YUV	203.2580, 19.0998, 33.9767
Hunter-Lab	75.0591, 30.7471, -19.5558

Details

The Yxy color $56.3387, 0.3159, 0.2611$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $75.8621, 0.3090, 0.4077$, and the grayscale version is $59.7616, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.1932, 0.3138, 0.3068$, and $28.0254, 0.3155, 0.2459$ is the 20% darker color. If you saturate the color by 10%, you get $47.6814, 0.3170, 0.2368$, and if you desaturate by 10%, it is $66.6923, 0.3147, 0.2862$.

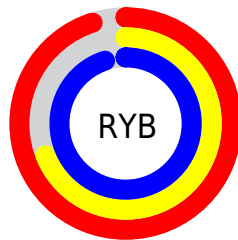
Distribution



Red (95%)

Green (69%)

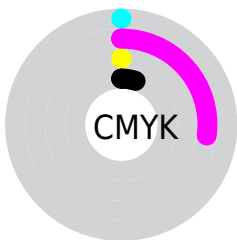
Blue (95%)



Red (95%)

Yellow (69%)

Blue (95%)

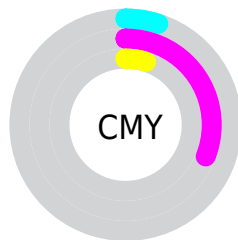


Cyan (0%)

Magenta (27%)

Yellow (0%)

Black (5%)



Cyan (5%)


Magenta (31%)


Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.3387, 0.3159, 0.2611 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 56.3387, 0.3159, 0.2611 by changing the saturation by 10% instead.


 56.3387, 0.3159,
0.2611

 56.3387, 0.3159,
0.2611


410.9667, 0.3151,
0.2920

 40.4745, 0.3159,
0.2542

 99.4996, 0.3158,
0.2717

 27.9087, 0.3158,
0.2457


127.5652, 0.3157,
0.2759

 18.2569, 0.3156,
0.2351


160.4666, 0.3156,
0.2795

 11.1346, 0.3151,
0.2215

198.5884, 0.3155,
0.2826

 6.1574, 0.3139,
0.2035

242.3149, 0.3154,
0.2854

 2.9410, 0.3114,
0.1786

292.0306, 0.3153,

 1.1010, 0.3055,

0.2879

0.1427

348.1197, 0.3152,
0.2901

0.0000, 0.3179,
0.0000

0.0000, 0.0000,
0.0000

56.3387, 0.3159,
0.2611

56.3387, 0.3159,
0.2611

47.6814, 0.3170,
0.2368

66.6923, 0.3147,
0.2862

40.6230, 0.3181,
0.2143


78.8181, 0.3135,
0.3112

35.0681, 0.3190,
0.1945


92.7960, 0.3124,
0.3356


30.9076, 0.3198,
0.1783


96.8043, 0.3121,
0.3418

 28.0180, 0.3203,
0.1662


 96.8045, 0.3121,
0.3418


 26.2540, 0.3207,
0.1585

 96.8046, 0.3121,
0.3418

 25.4269, 0.3209,
0.1548

 96.8047, 0.3121,
0.3418

 25.2829, 0.3209,
0.1542

 96.8048, 0.3121,
0.3418

 96.8050, 0.3121,
0.3418

Harmonies

Analogous

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



56.3387, 0.2643, 0.2442



56.3387, 0.3159, 0.2611



56.3387, 0.3712, 0.2927

Triad

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



56.3387, 0.3159, 0.2611



56.3387, 0.4002, 0.4121



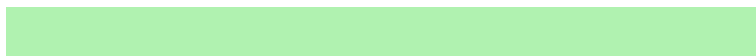
56.3387, 0.2228, 0.3120

Complementary

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



56.3387, 0.3159, 0.2611



75.8621, 0.3090, 0.4077

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.



56.3387, 0.2538, 0.3674



56.3387, 0.3159, 0.2611



56.3387, 0.3559, 0.4288

Square

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



56.3387, 0.3159, 0.2611



56.3387, 0.4217, 0.3760



56.3387, 0.3021, 0.4133



56.3387, 0.2143, 0.2685

Rectangle

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



56.3387, 0.3159, 0.2611



56.3387, 0.4007, 0.3192



56.3387, 0.3021, 0.4133



56.3387, 0.2307, 0.3299

Sweetspot

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



56.3412, 0.3159, 0.2611



87.6678, 0.3136, 0.3093



47.1322, 0.2653, 0.2517



18.3004, 0.3138, 0.3056



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.



56.3412, 0.3159, 0.2611



57.5487, 0.3166, 0.2468



54.5898, 0.3419, 0.2926



16.0314, 0.3138, 0.3057



13.5843, 0.3209, 0.1542



1.1301, 0.3209, 0.1542

Inverse Universe

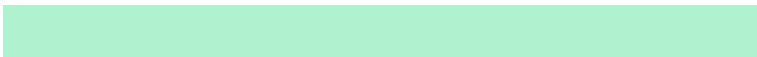
The Inverse Universe completely reimagines the original color for something new.



53.0670, 0.3721, 0.3292



53.2638, 0.3901, 0.3292



77.2758, 0.2911, 0.3687



15.7589, 0.3293, 0.3291



10.1410, 0.6401, 0.3300



0.8436, 0.6401, 0.3300

Previews

White Background



This preview shows how the Yxy color 56.3387, 0.3159, 0.2611 looks on a white background.

Color Contrast Check

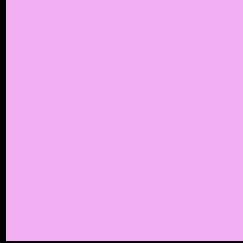
Large Text (above 18pt) WCAG AA × Fail

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 56.3387, 0.3159, 0.2611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

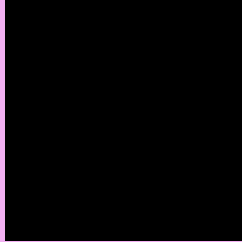
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.3387, 0.3159, 0.2611

Background



This preview shows how black text looks on a background with the Yxy color 56.3387, 0.3159, 0.2611.



This preview shows how white text looks on a background with the Yxy color 56.3387, 0.3159, 0.2611.

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

56.3387, 0.3159, 0.2611

Protanopia

56.7671, 0.2646, 0.2620

Deuteranopia

56.6859, 0.2836, 0.2777



Tritanopia

56.1911, 0.3457, 0.3137

Trichromacy



Original Color

56.3387, 0.3159, 0.2611



Protanomaly

56.1347, 0.2813, 0.2616



Deuteranomaly

55.9781, 0.2945, 0.2705



Tritanomaly

56.0799, 0.3345, 0.2935

Monochromacy



Original Color

56.3387, 0.3159, 0.2611



Achromatopsia

59.7202, 0.3127, 0.3290



Achromatomaly

57.9014, 0.3140, 0.3019

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.3387, 0.3159, 0.2611 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(242, 176, 242)` looks like.

```
.text, #text, p{  
    color:rgb(242, 176, 242)  
}
```

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(242, 176, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 176, 242) }
```

Border

The CSS property to change the border of an element to Yxy 56.3387, 0.3159, 0.2611 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(242, 176, 242) }
```

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

```
.border{ border-color:rgb(242, 176, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 176, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 176, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 176, 242);  
box-shadow:4px 4px 4px 4px rgb(242, 176,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 56.3387, 0.3159, 0.2611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 176, 242) }
```

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

```
.background{ background-color: rgb(242,  
176, 242) }
```

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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