

Converting Colors

$Y_{xy}(56.1516, 0.3269, 0.2747)$

Have a look what the booklet for
Yxy(56.1516, 0.3269, 0.2747)
contains.

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Color

Yxy(56.1561, 0.3269, 0.2747)

Conversions

Conversions Part 1

Format	Color
Hex	F3B1E5
RGB	243, 177, 229
RGB Percent	95%, 69%, 90%
CMY	0.0470, 0.3059, 0.1020
CMYK	0.00, 0.27, 0.06, 0.05
HSL	313°, 73%, 82%
HSV	313°, 27%, 95%
XYZ	66.8272, 56.1561, 81.4437
YIQ	202.6620, 22.6440, 30.1640

Conversions

Conversions Part 2

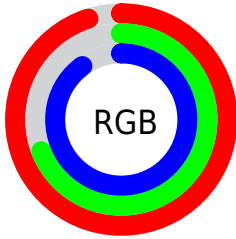
Format	Color
R _Y B	243, 177, 229
Decimal	15970789
CIE Lab	79.70, 32.09, -16.55
CIE LCh	80, 36.108, 332.728
Yxy	56.1561, 0.3269, 0.2747
Android (android.graphics.Color)	4294160869 (0xFFFF3B1E5)
YUV	202.6620, 12.9846, 35.3764
Hunter-Lab	74.9374, 28.0412, -11.9816

Details

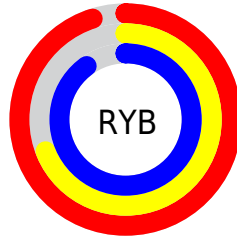
The Yxy color **56.1561, 0.3269, 0.2747** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **77.2126, 0.3012, 0.3902**, and the grayscale version is **59.4061, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.7578, 0.3137, 0.3078**, and **27.8715, 0.3304, 0.2631** is the 20% darker color. If you saturate the color by 10%, you get **47.1144, 0.3335, 0.2545**, and if you desaturate by 10%, it is **66.9205, 0.3210, 0.2951**.

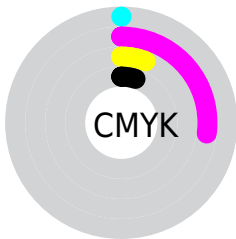
Distribution



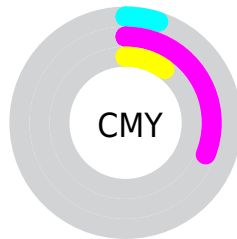
- Red (95%)
- Green (69%)
- Blue (90%)



- Red (95%)
- Yellow (69%)
- Blue (90%)



- Cyan (0%)
- Magenta (27%)
- Yellow (6%)
- Black (5%)





- Cyan (5%)
- Magenta (31%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.1561, 0.3269, 0.2747 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 56.1561, 0.3269, 0.2747 by changing the saturation by 10% instead.

 56.1561, 0.3269,
0.2747

 56.1561, 0.3269,
0.2747


410.2795, 0.3206,
0.2998

 40.3281, 0.3283,
0.2690

 99.2328, 0.3248,
0.2834

 27.7944, 0.3299,
0.2620


127.2502, 0.3239,
0.2868

 18.1708, 0.3320,
0.2531


160.0996, 0.3232,
0.2897

 11.0727, 0.3346,
0.2416

198.1654, 0.3225,
0.2922

 6.1157, 0.3379,
0.2261

241.8318, 0.3220,
0.2944

 2.9156, 0.3423,
0.2040

291.4834, 0.3214,

 1.0878, 0.3480,

0.2964

0.1707

347.5045, 0.3210,
0.2982

0.0000, 0.3997,
0.0000

0.0000, 0.0000,
0.0000

56.1561, 0.3269,
0.2747

56.1561, 0.3269,
0.2747

47.1144, 0.3335,
0.2545

66.9205, 0.3210,
0.2951

39.6972, 0.3409,
0.2354

79.4842, 0.3159,
0.3152

33.8079, 0.3489,
0.2184

93.9282, 0.3115,
0.3344

29.3363, 0.3572,
0.2045

97.4537, 0.3084,
0.3342

■ 26.1578, 0.3657,
0.1946

■ 97.7810, 0.3055,
0.3292

■ 24.1258, 0.3741,
0.1894

■ 97.7952, 0.3054,
0.3290

■ 23.0510, 0.3821,
0.1888

■ 22.8361, 0.3844,
0.1891

Harmonies

Analogous

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



56.1561, 0.2800, 0.2564



56.1561, 0.3269, 0.2747



56.1561, 0.3729, 0.3051

Triad

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



56.1561, 0.3269, 0.2747



56.1561, 0.3818, 0.4068



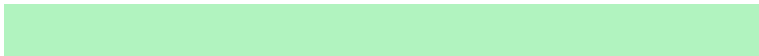
56.1561, 0.2305, 0.3050

Complementary

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



56.1561, 0.3269, 0.2747



77.2126, 0.3012, 0.3902

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.



56.1561, 0.2538, 0.3514



56.1561, 0.3269, 0.2747



56.1561, 0.3405, 0.4144

Square

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



56.1561, 0.3269, 0.2747



56.1561, 0.4053, 0.3790



56.1561, 0.2937, 0.3939



56.1561, 0.2274, 0.2705

Rectangle

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



56.1561, 0.3269, 0.2747



56.1561, 0.3953, 0.3295



56.1561, 0.2937, 0.3939



56.1561, 0.2361, 0.3198

Sweetspot

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



56.1586, 0.3269, 0.2747



87.3922, 0.3163, 0.3135



48.8912, 0.2749, 0.2527



18.2305, 0.3171, 0.3105



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.



56.1586, 0.3269, 0.2747



56.4520, 0.3307, 0.2627



54.5238, 0.3541, 0.3077



16.7045, 0.3170, 0.3105



12.5535, 0.3832, 0.1884



1.1180, 0.3738, 0.1833

Inverse Universe

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



56.1586, 0.3269, 0.2747



56.4520, 0.3307, 0.2627



78.7892, 0.2834, 0.3515



16.7045, 0.3170, 0.3105



12.5535, 0.3832, 0.1884



1.1180, 0.3738, 0.1833

Previews

White Background



This preview shows how the Yxy color 56.1561, 0.3269, 0.2747 looks on a white background.

Color Contrast Check

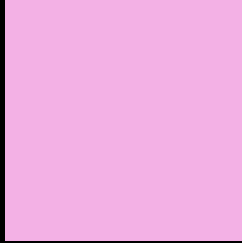
Large Text (above 18pt) WCAG AA × Fail

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 56.1561, 0.3269, 0.2747 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 56.1561, 0.3269, 0.2747

Background



This preview shows how black text looks on a background with the Yxy color 56.1561, 0.3269, 0.2747.



This preview shows how white text looks on a background with the Yxy color 56.1561, 0.3269, 0.2747.

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

56.1561, 0.3269, 0.2747

Protanopia

56.5820, 0.2756, 0.2760

Deuteranopia

56.4683, 0.2975, 0.2911



Tritanopia

56.2489, 0.3493, 0.3138

Trichromacy



Original Color

56.1561, 0.3269, 0.2747



Protanomaly

55.9195, 0.2928, 0.2752



Deuteranomaly

55.9921, 0.3076, 0.2845



Tritanomaly

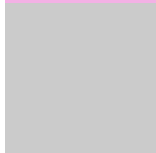
56.1765, 0.3404, 0.2989

Monochromacy



Original Color

56.1561, 0.3269, 0.2747



Achromatopsia

59.7202, 0.3127, 0.3290



Achromatomaly

58.2425, 0.3184, 0.3087

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.1561, 0.3269, 0.2747 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(243, 177, 229)` looks like.

```
.text, #text, p{  
    color:rgb(243, 177, 229)  
}
```

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(243, 177, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 177, 229) }
```

Border

The CSS property to change the border of an element to Yxy 56.1561, 0.3269, 0.2747 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(243, 177, 229) }
```

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

```
.border{ border-color:rgb(243, 177, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 177, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 177, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 177, 229); box-shadow:4px 4px 4px 4px rgb(243, 177, 229) }
```


Background

The CSS property to change the background color of an element to Yxy 56.1561, 0.3269, 0.2747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 177, 229) }
```

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

```
.background{ background-color: rgb(243,  
177, 229) }
```

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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