

Converting Colors

$Yxy(56.8739, 0.3268, 0.2779)$

Have a look what the booklet for
Yxy(56.8739, 0.3268, 0.2779)
contains.

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Color

Yxy(56.7189, 0.3267, 0.2776)

Conversions

Conversions Part 1

Format	Color
Hex	F2B3E4
RGB	242, 179, 228
RGB Percent	95%, 70%, 89%
CMY	0.0509, 0.2981, 0.1058
CMYK	0.00, 0.26, 0.06, 0.05
HSL	313°, 71%, 83%
HSV	313°, 26%, 95%
XYZ	66.7510, 56.7189, 80.8490
YIQ	203.4230, 21.8190, 28.5950

Conversions

Conversions Part 2

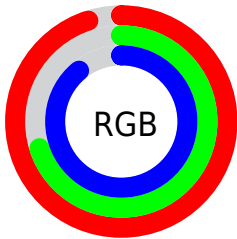
Format	Color
R _Y B	242, 179, 228
Decimal	15905764
CIE _{Lab}	80.02, 30.55, -15.55
CIE _{LCh}	80, 34.283, 333.021
Y _{xy}	56.7189, 0.3267, 0.2776
Android (android.graphics.Color)	4294095844 (0xFFFF2B3E4)
YUV	203.4230, 12.1165, 33.8320
Hunter-Lab	75.3120, 26.4133, -10.9307

Details

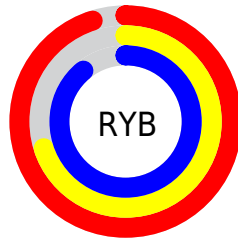
The Yxy color $56.7189, 0.3267, 0.2776$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $76.9518, 0.3013, 0.3866$, and the grayscale version is $59.9156, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.8967, 0.3136, 0.3097$, and $28.2531, 0.3290, 0.2655$ is the 20% darker color. If you saturate the color by 10%, you get $47.5632, 0.3335, 0.2576$, and if you desaturate by 10%, it is $67.5914, 0.3207, 0.2978$.

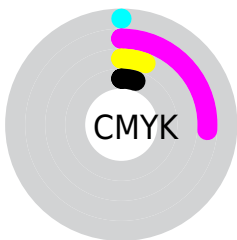
Distribution



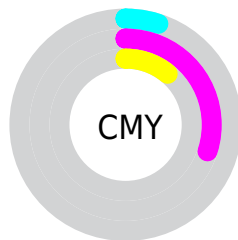
- Red (95%)
- Green (70%)
- Blue (89%)



- Red (95%)
- Yellow (70%)
- Blue (89%)



- Cyan (0%)
- Magenta (26%)
- Yellow (6%)
- Black (5%)





- Cyan (5%)
- Magenta (30%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.7189, 0.3267, 0.2776 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 56.7189, 0.3267, 0.2776 by changing the saturation by 10% instead.

 56.7189, 0.3267,
0.2776

 56.7189, 0.3267,
0.2776

412.3952, 0.3204,
0.3014

 40.7796, 0.3281,
0.2722


 100.0549, 0.3246,
0.2858

 28.1469, 0.3298,
0.2655


128.2204, 0.3237,
0.2890

 18.4364, 0.3318,
0.2571


161.2301, 0.3230,
0.2918

 11.2638, 0.3344,
0.2461

199.4684, 0.3224,
0.2942

 6.2445, 0.3379,
0.2313

243.3196, 0.3218,
0.2963

 2.9943, 0.3424,
0.2102

293.1682, 0.3213,

 1.1288, 0.3486,

0.2982

0.1780

349.3986, 0.3208,
0.2999

0.0024, 0.4053,
0.0013

0.0000, 0.0000,
0.0000

56.7189, 0.3267,
0.2776

56.7189, 0.3267,
0.2776

47.5632, 0.3335,
0.2576

67.5914, 0.3207,
0.2978

40.0278, 0.3411,
0.2385

80.2557, 0.3155,
0.3175

34.0178, 0.3494,
0.2214

94.7916, 0.3110,
0.3363

29.4259, 0.3581,
0.2072

97.2741, 0.3078,
0.3343

■ 26.1302, 0.3671,
0.1970

■ 97.6153, 0.3048,
0.3291

■ 23.9888, 0.3760,
0.1914

■ 97.6218, 0.3048,
0.3290

■ 22.8253, 0.3845,
0.1905

■ 22.5249, 0.3878,
0.1910

Harmonies

Analogous

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



56.7189, 0.2822, 0.2601



56.7189, 0.3267, 0.2776



56.7189, 0.3701, 0.3068

Triad

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



56.7189, 0.3267, 0.2776



56.7189, 0.3780, 0.4030



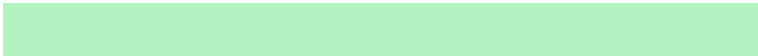
56.7189, 0.2345, 0.3061

Complementary

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



56.7189, 0.3267, 0.2776



76.9518, 0.3013, 0.3866

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.



56.7189, 0.2566, 0.3498



56.7189, 0.3267, 0.2776



56.7189, 0.3389, 0.4095

Square

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



56.7189, 0.3267, 0.2776



56.7189, 0.4003, 0.3771



56.7189, 0.2944, 0.3899



56.7189, 0.2317, 0.2734

Rectangle

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



56.7189, 0.3267, 0.2776



56.7189, 0.3910, 0.3300



56.7189, 0.2944, 0.3899



56.7189, 0.2398, 0.3200

Sweetspot

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



56.7214, 0.3267, 0.2776



87.3795, 0.3165, 0.3136



49.9403, 0.2775, 0.2564



18.2273, 0.3172, 0.3107



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.



56.7214, 0.3267, 0.2776



58.4317, 0.3300, 0.2674



55.1427, 0.3528, 0.3098



15.9678, 0.3172, 0.3108



12.1191, 0.3865, 0.1903



1.0228, 0.3761, 0.1845

Inverse Universe

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



56.7214, 0.3267, 0.2776



58.4317, 0.3300, 0.2674



78.4929, 0.2840, 0.3493



15.9678, 0.3172, 0.3108



12.1191, 0.3865, 0.1903



1.0228, 0.3761, 0.1845

Previews

White Background



This preview shows how the Yxy color 56.7189, 0.3267, 0.2776 looks on a white background.

Color Contrast Check

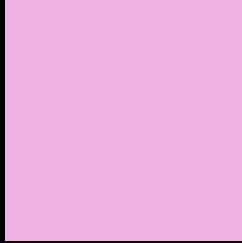
Large Text (above 18pt) WCAG AA × Fail

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 56.7189, 0.3267, 0.2776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

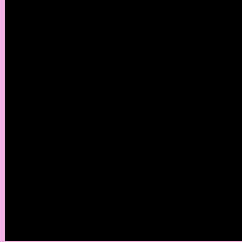
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.7189, 0.3267, 0.2776

Background



This preview shows how black text looks on a background with the Yxy color 56.7189, 0.3267, 0.2776.



This preview shows how white text looks on a background with the Yxy color 56.7189, 0.3267, 0.2776.

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

56.7189, 0.3267, 0.2776

Protanopia

57.0426, 0.2776, 0.2794

Deuteranopia

57.1416, 0.2997, 0.2935



Tritanopia

56.5816, 0.3466, 0.3127

Trichromacy



Original Color

56.7189, 0.3267, 0.2776



Protanomaly

56.2929, 0.2935, 0.2774



Deuteranomaly

56.9462, 0.3091, 0.2879



Tritanomaly

56.4598, 0.3385, 0.2989

Monochromacy



Original Color

56.7189, 0.3267, 0.2776



Achromatopsia

59.7202, 0.3127, 0.3290



Achromatomaly

58.0888, 0.3177, 0.3086

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7189, 0.3267, 0.2776 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, 179, 228)` looks like.

```
.text, #text, p{  
    color:rgb(242, 179, 228)  
}
```

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, 179, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 179, 228) }
```

Border

The CSS property to change the border of an element to Yxy 56.7189, 0.3267, 0.2776 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, 179, 228) }
```

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

```
.border{ border-color:rgb(242, 179, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 179, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 179, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 179, 228);  
box-shadow:4px 4px 4px 4px rgb(242, 179,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7189, 0.3267, 0.2776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 179, 228) }
```

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

```
.background{ background-color: rgb(242,  
179, 228) }
```

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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