

Converting Colors

$Y_{xy}(29.3955, 0.3565, 0.2041)$

Have a look what the booklet for
Yxy(29.3955, 0.3565, 0.2041)
contains.

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Color

Yxy(29.3955, 0.3565, 0.2041)

Conversions

Conversions Part 1

Format	Color
Hex	F350D1
RGB	243, 80, 209
RGB Percent	95%, 31%, 82%
CMY	0.0470, 0.6863, 0.1804
CMYK	0.00, 0.67, 0.14, 0.05
HSL	313°, 87%, 63%
HSV	313°, 67%, 95%
XYZ	51.3449, 29.3955, 63.2846
YIQ	143.4430, 55.7390, 74.6750

Conversions

Conversions Part 2

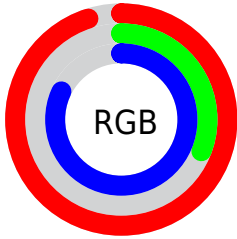
Format	Color
R _{YB}	243, 80, 209
Decimal	15945937
CIE _{Lab}	61.13, 74.76, -33.93
CIE _{LCh}	61, 82.099, 335.592
Y _{xy}	29.3955, 0.3565, 0.2041
Android (android.graphics.Color)	4294136017 (0xFFFF350D1)
YUV	143.4430, 32.3196, 87.3115
Hunter-Lab	54.2176, 74.1614, -31.2529

Details

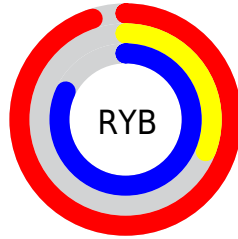
The Yxy color **29.3955, 0.3565, 0.2041** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light muted magenta. A complement of this color would be **67.0361, 0.2903, 0.5068**, and the grayscale version is **27.5039, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.2362, 0.3179, 0.2187**, and **12.4004, 0.3655, 0.1787** is the 20% darker color. If you saturate the color by 10%, you get **26.2123, 0.3649, 0.1941**, and if you desaturate by 10%, it is **33.8756, 0.3483, 0.2181**.

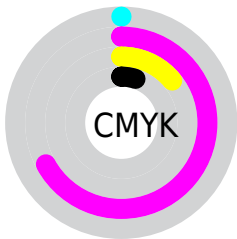
Distribution



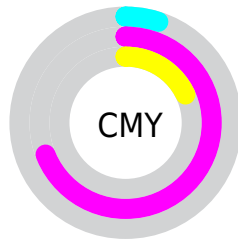
- Red (95%)
- Green (31%)
- Blue (82%)



- Red (95%)
- Yellow (31%)
- Blue (82%)



- Cyan (0%)
- Magenta (67%)
- Yellow (14%)
- Black (5%)





- Cyan (5%)
- Magenta (69%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.3955, 0.3565, 0.2041 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 29.3955, 0.3565, 0.2041 by changing the saturation by 10% instead.

 29.3955, 0.3565,
0.2041


 29.3955, 0.3565,
0.2041


299.0765, 0.3365,
0.2633


 19.3802, 0.3609,
0.1905


 58.7049, 0.3497,
0.2247


 11.9453, 0.3661,
0.1739


 78.7677, 0.3470,
0.2327

 6.7065, 0.3724,
0.1530


 102.9486, 0.3447,
0.2396

 3.2792, 0.3799,
0.1266

 131.6318, 0.3426,
0.2456

 1.2792, 0.3885,
0.0928

165.2019, 0.3408,
0.2508

 0.1250, 0.4091,
0.0205

204.0430, 0.3392,


 0.0000, 0.3991,


0.2555


0.0000

248.5398, 0.3378,
0.2596


 0.0000, 0.0000,
0.0000

 29.3955, 0.3565,
0.2041

 29.3955, 0.3565,
0.2041


 26.2123, 0.3649,
0.1941

 33.8756, 0.3483,
0.2181


 24.1754, 0.3731,
0.1888


 39.7728, 0.3405,
0.2352


 23.0977, 0.3809,
0.1882


 47.1987, 0.3332,
0.2544

 22.8782, 0.3832,
0.1884


 56.2523, 0.3267,
0.2746

 67.0244, 0.3209,
0.2951

 79.5989, 0.3159,
0.3152

 94.0544, 0.3115,
0.3345

 97.4546, 0.3084,
0.3343

 97.7764, 0.3056,
0.3293

Harmonies

Analogous

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



29.3955, 0.2327, 0.1636



29.3955, 0.3565, 0.2041



29.3955, 0.4911, 0.2673

Triad

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



29.3955, 0.3565, 0.2041



29.3955, 0.4540, 0.5139



29.3955, 0.1150, 0.2370

Complementary

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



29.3955, 0.3565, 0.2041



67.0361, 0.2903, 0.5068

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.



29.3955, 0.1507, 0.3697



29.3955, 0.3565, 0.2041



29.3955, 0.3447, 0.5776

Square

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



29.3955, 0.3565, 0.2041



29.3955, 0.5382, 0.4231



29.3955, 0.2339, 0.5284



29.3955, 0.1179, 0.1713

Rectangle

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



29.3955, 0.3565, 0.2041



29.3955, 0.5486, 0.3158



29.3955, 0.2339, 0.5284



29.3955, 0.1220, 0.2733

Sweetspot

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



29.3969, 0.3565, 0.2041



70.9990, 0.3225, 0.2891



15.6909, 0.2016, 0.1226



14.4647, 0.3241, 0.2833



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.



29.3969, 0.3565, 0.2041



28.1587, 0.3683, 0.1914



26.3760, 0.4675, 0.2815



16.7056, 0.3170, 0.3105



12.5738, 0.3820, 0.1878



1.1196, 0.3728, 0.1827

Inverse Universe

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



29.3969, 0.3565, 0.2041



28.1587, 0.3683, 0.1914



69.7209, 0.2549, 0.3939



16.7056, 0.3170, 0.3105



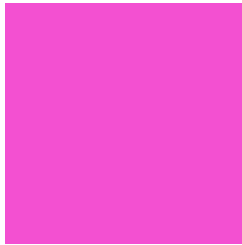
12.5738, 0.3820, 0.1878



1.1196, 0.3728, 0.1827

Previews

White Background



This preview shows how the Yxy color 29.3955, 0.3565, 0.2041 looks on a white background.

Color Contrast Check

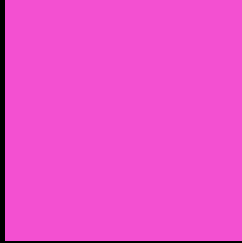
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 29.3955, 0.3565, 0.2041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

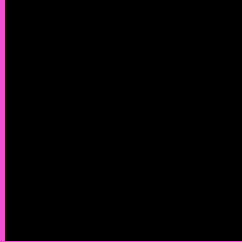
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.3955, 0.3565, 0.2041

Background



This preview shows how black text looks on a background with the Yxy color 29.3955, 0.3565, 0.2041.



This preview shows how white text looks on a background with the Yxy color 29.3955, 0.3565, 0.2041.

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

29.3955, 0.3565, 0.2041

Protanopia

29.8192, 0.2052, 0.1845

Deuteranopia

29.6678, 0.2562, 0.2512



Tritanopia

29.2456, 0.4638, 0.3208

Trichromacy



Original Color

29.3955, 0.3565, 0.2041



Protanomaly

26.4271, 0.2406, 0.1815



Deuteranomaly

27.1151, 0.2867, 0.2223



Tritanomaly

28.7238, 0.4251, 0.2736

Monochromacy



Original Color

29.3955, 0.3565, 0.2041



Achromatopsia

27.4677, 0.3127, 0.3290



Achromatomaly

25.8067, 0.3297, 0.2635

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.3955, 0.3565, 0.2041 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, 80, 209)` looks like.

```
.text, #text, p{  
    color:rgb(243, 80, 209)  
}
```

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, 80, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 80, 209) }
```

Border

The CSS property to change the border of an element to Yxy 29.3955, 0.3565, 0.2041 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, 80, 209) }
```

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

```
.border{ border-color:rgb(243, 80, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 80, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 80, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 80, 209);  
box-shadow:4px 4px 4px 4px rgb(243, 80,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 29.3955, 0.3565, 0.2041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 80, 209) }
```

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

```
.background{ background-color: rgb(243, 80,  
209) }
```

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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