

Converting Colors

$Y_{xy}(27.5070, 0.3088, 0.1527)$

Have a look what the booklet for
Yxy(27.5070, 0.3088, 0.1527)
contains.

Yxy(27.5364, 0.3088, 0.1528)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(27.5364, 0.3088, 0.1528)

Conversions

Conversions Part 1

Format	Color
Hex	F324FF
RGB	243, 36, 255
RGB Percent	95%, 14%, 100%
CMY	0.0470, 0.8590, 0.0000
CMYK	0.05, 0.86, 0.00, 0.00
HSL	297°, 100%, 57%
HSV	297°, 86%, 100%
XYZ	55.6495, 27.5364, 97.0262
YIQ	122.8590, 53.0730, 111.9930

Conversions

Conversions Part 2

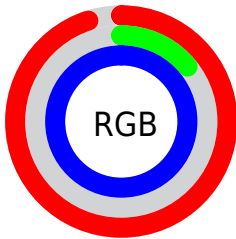
Format	Color
R _Y B	243, 36, 255
Decimal	15934719
CIE Lab	59.47, 93.00, -62.34
CIE LCh	59, 111.962, 326.164
Yxy	27.5364, 0.3088, 0.1528
Android (android.graphics.Color)	4294124799 (0xFFFF324FF)
YUV	122.8590, 65.1455, 105.3637
Hunter-Lab	52.4751, 97.4664, -72.8942

Details

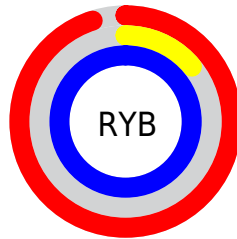
The Yxy color **27.5364, 0.3088, 0.1528** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light washed magenta. A complement of this color would be **72.2743, 0.3027, 0.5866**, and the grayscale version is **19.5190, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.2903, 0.3189, 0.1971**, and **13.9763, 0.3018, 0.1436** is the 20% darker color. If you saturate the color by 10%, you get **26.2552, 0.3075, 0.1478**, and if you desaturate by 10%, it is **29.9116, 0.3100, 0.1621**.

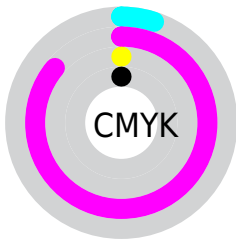
Distribution



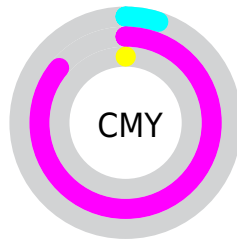
- Red (95%)
- Green (14%)
- Blue (100%)



- Red (95%)
- Yellow (14%)
- Blue (100%)



- Cyan (5%)
- Magenta (86%)
- Yellow (0%)
- Black (0%)




- Cyan (5%)
- Magenta (86%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.5364, 0.3088, 0.1528 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 27.5364, 0.3088, 0.1528 by changing the saturation by 10% instead.


 27.5364, 0.3088,
0.1528


 27.5364, 0.3088,
0.1528


290.2450, 0.3161,
0.2303


 17.9765, 0.3057,
0.1369


 55.7434, 0.3125,
0.1784

 10.9331, 0.3012,
0.1183


 75.1593, 0.3136,
0.1888


 6.0219, 0.2945,
0.0966


 98.6293, 0.3144,
0.1978

 2.8584, 0.2840,
0.0718

 126.5379, 0.3150,
0.2059

 1.0583, 0.2672,
0.0446

 159.2693, 0.3154,
0.2130

 0.0000, 0.2438,
0.0000

197.2080, 0.3157,

 0.0000, 0.1931,

0.2194

0.0000

240.7385, 0.3160,
0.2251

■ 0.0000, 0.0474,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 27.5364, 0.3088,
0.1528

■ 27.5364, 0.3088,
0.1528

■ 26.2552, 0.3075,
0.1478

■ 29.9116, 0.3100,
0.1621

■ 25.9272, 0.3070,
0.1465

■ 33.5858, 0.3110,
0.1759

■ 38.7191, 0.3119,
0.1938

■ 45.4493, 0.3125,
0.2150

■ 53.8987, 0.3128,
0.2387

■ 64.1774, 0.3130,
0.2638

■ 76.3863, 0.3130,
0.2893

■ 90.6192, 0.3129,
0.3145

■ 100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



27.5364, 0.1706, 0.1175



27.5364, 0.3088, 0.1528



27.5364, 0.5018, 0.2178

Triad

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



27.5364, 0.3088, 0.1528



27.5364, 0.5044, 0.4956



27.5364, 0.0752, 0.2397

Complementary

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



27.5364, 0.3088, 0.1528



72.2743, 0.3027, 0.5866

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.



27.5364, 0.1234, 0.4586



27.5364, 0.3088, 0.1528



27.5364, 0.3659, 0.6308

Square

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



27.5364, 0.3088, 0.1528



27.5364, 0.6110, 0.3799



27.5364, 0.2307, 0.6667



27.5364, 0.0718, 0.1430

Rectangle

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



27.5364, 0.3088, 0.1528



27.5364, 0.6022, 0.2690



27.5364, 0.2307, 0.6667



27.5364, 0.0849, 0.2977

Sweetspot

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



27.5348, 0.3088, 0.1528



64.0642, 0.3130, 0.2635



9.9237, 0.1591, 0.0792



12.9060, 0.3130, 0.2547



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.



27.5348, 0.3088, 0.1528



25.9272, 0.3070, 0.1465



25.0601, 0.4429, 0.2302



18.2467, 0.3129, 0.3055



13.5695, 0.3072, 0.1466



1.3361, 0.3089, 0.1475

Inverse Universe

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



22.7322, 0.6051, 0.3244



21.2916, 0.6361, 0.3278



73.5296, 0.2749, 0.4982



18.0032, 0.3286, 0.3277



11.1318, 0.6346, 0.3269



1.0893, 0.6217, 0.3199

Previews

White Background



This preview shows how the Yxy color 27.5364, 0.3088, 0.1528 looks on a white background.

Color Contrast Check

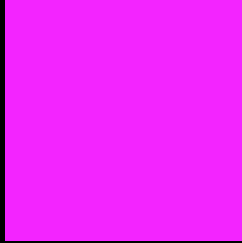
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.5364, 0.3088, 0.1528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

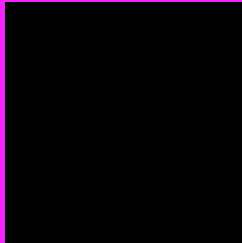
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.5364, 0.3088, 0.1528

Background



This preview shows how black text looks on a background with the Yxy color 27.5364, 0.3088, 0.1528.



This preview shows how white text looks on a background with the Yxy color 27.5364, 0.3088, 0.1528.

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

27.5364, 0.3088, 0.1528

Protanopia

27.9546, 0.1984, 0.1774

Deuteranopia

27.7743, 0.2009, 0.1946



Tritanopia

27.2171, 0.4630, 0.3216

Trichromacy



Original Color

27.5364, 0.3088, 0.1528



Protanomaly

22.5624, 0.2218, 0.1466



Deuteranomaly

22.0141, 0.2230, 0.1541



Tritanomaly

25.3921, 0.4051, 0.2410

Monochromacy



Original Color

27.5364, 0.3088, 0.1528



Achromatopsia

19.8069, 0.3127, 0.3290



Achromatomaly

18.6379, 0.3129, 0.2158

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.5364, 0.3088, 0.1528 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, 36, 255)` looks like.

```
.text, #text, p{  
    color:rgb(243, 36, 255)  
}
```

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, 36, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 36, 255) }
```

Border

The CSS property to change the border of an element to Yxy 27.5364, 0.3088, 0.1528 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, 36, 255) }
```

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

```
.border{ border-color:rgb(243, 36, 255) }
```

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

Here you see how a box with a 4 pixel rgb(243, 36, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 36, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 36, 255);  
box-shadow:4px 4px 4px 4px rgb(243, 36,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 27.5364, 0.3088, 0.1528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 36, 255) }
```

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

```
.background{ background-color: rgb(243, 36,  
255) }
```

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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