

Converting Colors

Yxy(30.9910, 0.3456, 0.2049)

Have a look what the booklet for
Yxy(30.9910, 0.3456, 0.2049)
contains.

Yxy(30.9710, 0.3454, 0.2045)	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(30.9710, 0.3454, 0.2045)

Conversions

Conversions Part 1

Format	Color
Hex	F15AD8
RGB	241, 90, 216
RGB Percent	95%, 35%, 85%
CMY	0.0551, 0.6468, 0.1531
CMYK	0.00, 0.63, 0.10, 0.06
HSL	310°, 84%, 65%
HSV	310°, 63%, 94%
XYZ	52.3099, 30.9710, 68.1665
YIQ	149.5130, 49.5500, 71.1980

Conversions

Conversions Part 2

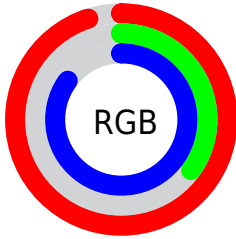
Format	Color
R _{YB}	241, 90, 216
Decimal	15817432
CIE _{Lab}	62.48, 71.46, -35.78
CIE _{LCh}	62, 79.916, 333.404
Yxy	30.9710, 0.3454, 0.2045
Android (android.graphics.Color)	4294007512 (0xFFFF15AD8)
YUV	149.5130, 32.7781, 80.2341
Hunter-Lab	55.6516, 70.3915, -33.6670

Details

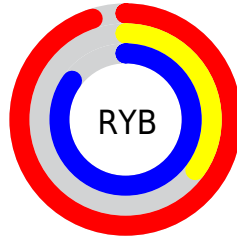
The Yxy color **30.9710, 0.3454, 0.2045** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **66.2960, 0.2935, 0.5021**, and the grayscale version is **30.1357, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.6598, 0.3176, 0.2257**, and **12.7675, 0.3504, 0.1743** is the 20% darker color. If you saturate the color by 10%, you get **27.3380, 0.3519, 0.1921**, and if you desaturate by 10%, it is **35.9291, 0.3390, 0.2206**.

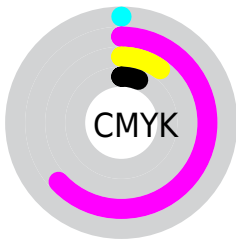
Distribution



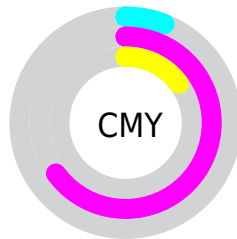
- Red (95%)
- Green (35%)
- Blue (85%)



- Red (95%)
- Yellow (35%)
- Blue (85%)



- Cyan (0%)
- Magenta (63%)
- Yellow (10%)
- Black (6%)





- Cyan (6%)
- Magenta (65%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.9710, 0.3454, 0.2045 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 30.9710, 0.3454, 0.2045 by changing the saturation by 10% instead.


 30.9710, 0.3454,
0.2045


 30.9710, 0.3454,
0.2045


306.4047, 0.3313,
0.2630

 20.5768, 0.3482,
0.1912


 61.1944, 0.3408,
0.2248

 12.8150, 0.3515,
0.1749


 81.7924, 0.3389,
0.2327

 7.3013, 0.3551,
0.1546

 106.5604, 0.3372,
0.2395

 3.6512, 0.3590,
0.1290

 135.8828, 0.3358,
0.2455

 1.4804, 0.3623,
0.0963

170.1441, 0.3344,
0.2506

 0.2749, 0.3690,
0.0387

209.7285, 0.3333,


 0.0000, 0.3548,


0.2552


0.0000


255.0206, 0.3322,
0.2593


 0.0000, 0.0000,
0.0000


 30.9710, 0.3454,
0.2045

 30.9710, 0.3454,
0.2045


 27.3380, 0.3519,
0.1921


 35.9291, 0.3390,
0.2206


 24.8930, 0.3583,
0.1840


 42.3228, 0.3329,
0.2395


 23.4772, 0.3644,
0.1806

 50.2560, 0.3273,
0.2601


 22.9115, 0.3687,
0.1804


 59.8219, 0.3222,
0.2815

 71.1061, 0.3176,
0.3029

 84.1884, 0.3137,
0.3237

 96.7368, 0.3104,
0.3399

 96.9816, 0.3081,
0.3360

 97.2317, 0.3059,
0.3320

Harmonies

Analogous

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



30.9710, 0.2288, 0.1668



30.9710, 0.3454, 0.2045



30.9710, 0.4756, 0.2651

Triad

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



30.9710, 0.3454, 0.2045



30.9710, 0.4587, 0.5034



30.9710, 0.1222, 0.2484

Complementary

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



30.9710, 0.3454, 0.2045



66.2960, 0.2935, 0.5021

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.



30.9710, 0.1612, 0.3800



30.9710, 0.3454, 0.2045



30.9710, 0.3540, 0.5657

Square

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



30.9710, 0.3454, 0.2045



30.9710, 0.5356, 0.4168



30.9710, 0.2455, 0.5264



30.9710, 0.1221, 0.1797

Rectangle

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



30.9710, 0.3454, 0.2045



30.9710, 0.5350, 0.3124



30.9710, 0.2455, 0.5264



30.9710, 0.1303, 0.2853

Sweetspot

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



30.9725, 0.3454, 0.2045



72.3820, 0.3205, 0.2891



17.1634, 0.2046, 0.1335



14.7399, 0.3218, 0.2830



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.



30.9725, 0.3454, 0.2045



30.2447, 0.3536, 0.1895



27.9956, 0.4406, 0.2749



15.9838, 0.3163, 0.3095



12.4477, 0.3677, 0.1799



1.0474, 0.3605, 0.1760

Inverse Universe

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



30.9725, 0.3454, 0.2045



30.2447, 0.3536, 0.1895



68.6940, 0.2602, 0.3994



15.9838, 0.3163, 0.3095



12.4477, 0.3677, 0.1799



1.0474, 0.3605, 0.1760

Previews

White Background



This preview shows how the Yxy color 30.9710, 0.3454, 0.2045 looks on a white background.

Color Contrast Check

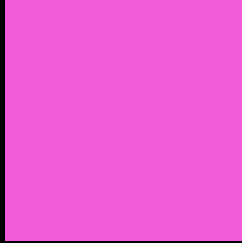
Large Text (above 18pt) WCAG AA × Fail

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 30.9710, 0.3454, 0.2045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

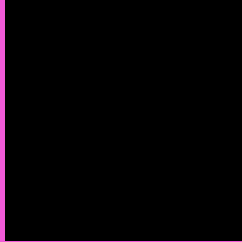
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.9710, 0.3454, 0.2045

Background



This preview shows how black text looks on a background with the Yxy color 30.9710, 0.3454, 0.2045.

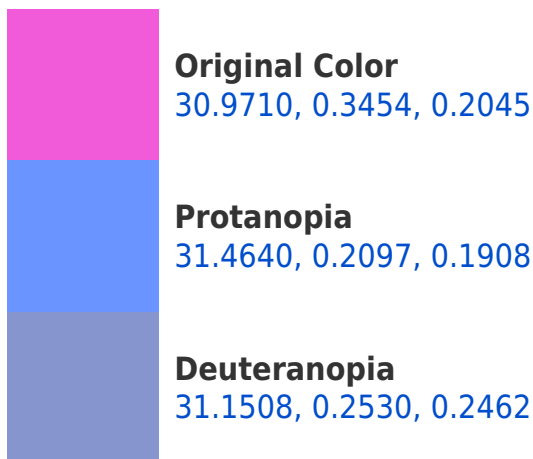


This preview shows how white text looks on a background with the Yxy color 30.9710, 0.3454, 0.2045.

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





Tritanopia

30.7056, 0.4442, 0.3193

Trichromacy



Original Color

30.9710, 0.3454, 0.2045



Protanomaly

28.4982, 0.2429, 0.1872



Deuteranomaly

29.0902, 0.2820, 0.2228



Tritanomaly

30.4046, 0.4089, 0.2732

Monochromacy



Original Color

30.9710, 0.3454, 0.2045



Achromatopsia

30.4987, 0.3127, 0.3290



Achromatomaly

28.5616, 0.3255, 0.2665

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.9710, 0.3454, 0.2045 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(241, 90, 216)` looks like.

```
.text, #text, p{  
    color:rgb(241, 90, 216)  
}
```

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(241, 90, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 90, 216) }
```

Border

The CSS property to change the border of an element to Yxy 30.9710, 0.3454, 0.2045 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(241, 90, 216) }
```

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

```
.border{ border-color:rgb(241, 90, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 90, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 90, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 90, 216);  
box-shadow:4px 4px 4px 4px rgb(241, 90,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 30.9710, 0.3454, 0.2045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 90, 216) }
```

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

```
.background{ background-color: rgb(241, 90,  
216) }
```

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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