

Converting Colors

$Y_{xy}(52.1190, 0.3413, 0.2629)$

Have a look what the booklet for
Yxy(52.1190, 0.3413, 0.2629)
contains.

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Color

Yxy(52.2407, 0.3413, 0.2633)

Conversions

Conversions Part 1

Format	Color
Hex	FFA1E2
RGB	255, 161, 226
RGB Percent	100%, 63%, 89%
CMY	0.0000, 0.3686, 0.1138
CMYK	0.00, 0.37, 0.11, 0.00
HSL	319°, 100%, 82%
HSV	319°, 37%, 100%
XYZ	67.7165, 52.2407, 78.4503
YIQ	196.5160, 35.1590, 40.1430

Conversions

Conversions Part 2

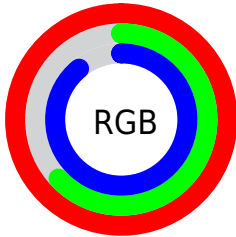
Format	Color
R_{YB}	255, 161, 226
Decimal	16753122
CIE _{Lab}	77.42, 43.88, -18.22
CIE _{LCh}	77, 47.510, 337.448
Yxy	52.2407, 0.3413, 0.2633
Android (android.graphics.Color)	4294943202 (0xFFFFA1E2)
YUV	196.5160, 14.5356, 51.2905
Hunter-Lab	72.2777, 40.7493, -13.7590

Details

The Yxy color **52.2407, 0.3413, 0.2633** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **82.8152, 0.2927, 0.4057**, and the grayscale version is **55.4194, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.1057, 0.3145, 0.2920**, and **25.3260, 0.3477, 0.2471** is the 20% darker color. If you saturate the color by 10%, you get **43.7944, 0.3519, 0.2460**, and if you desaturate by 10%, it is **62.5194, 0.3319, 0.2814**.

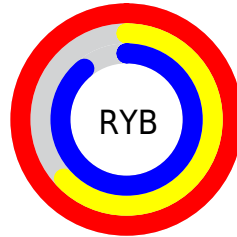
Distribution



Red (100%)

Green (63%)

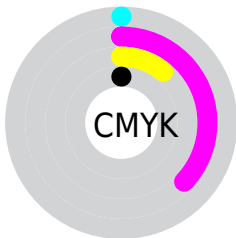
Blue (89%)



Red (100%)

Yellow (63%)

Blue (89%)

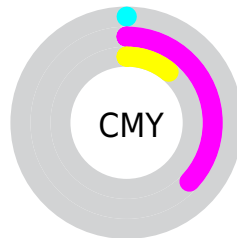


Cyan (0%)

Magenta (37%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (37%)

Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.2407, 0.3413, 0.2633 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 52.2407, 0.3413, 0.2633 by changing the saturation by 10% instead.

 52.2407, 0.3413,
0.2633


 52.2407, 0.3413,
0.2633


395.3651, 0.3282,
0.2936

 37.1970, 0.3443,
0.2564


 93.4861, 0.3368,
0.2738

 25.3600, 0.3479,
0.2480


 120.4566, 0.3350,
0.2779

 16.3455, 0.3525,
0.2373


152.1715, 0.3335,
0.2814

 9.7690, 0.3584,
0.2235

189.0151, 0.3321,
0.2845

 5.2460, 0.3663,
0.2049

231.3719, 0.3310,
0.2872

 2.3923, 0.3773,
0.1788

279.6262, 0.3299,

 0.8219, 0.3935,

0.2896

0.1400

334.1625, 0.3290,
0.2917

0.0000, 0.4537,
0.0000

0.0000, 0.0000,
0.0000

52.2407, 0.3413,
0.2633

52.2407, 0.3413,
0.2633

43.7944, 0.3519,
0.2460

62.5194, 0.3319,
0.2814

37.0759, 0.3638,
0.2306

74.7394, 0.3238,
0.2996

31.9594, 0.3765,
0.2182

88.9931, 0.3168,
0.3173

28.3047, 0.3898,
0.2098

100.0000, 0.3127,
0.3290

■ 25.9470, 0.4032,
0.2062

■ 24.6780, 0.4162,
0.2078

■ 24.4056, 0.4202,
0.2089

Harmonies

Analogous

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



52.2407, 0.2775, 0.2371



52.2407, 0.3413, 0.2633



52.2407, 0.4022, 0.3037

Triad

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



52.2407, 0.3413, 0.2633



52.2407, 0.3957, 0.4361



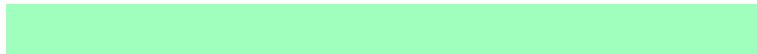
52.2407, 0.2025, 0.2862

Complementary

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



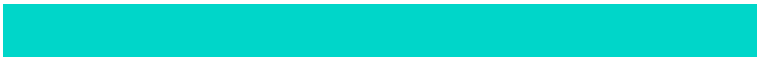
52.2407, 0.3413, 0.2633



82.8152, 0.2927, 0.4057

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.



52.2407, 0.2278, 0.3481



52.2407, 0.3413, 0.2633



52.2407, 0.3380, 0.4446

Square

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



52.2407, 0.3413, 0.2633



52.2407, 0.4333, 0.3992



52.2407, 0.2765, 0.4112



52.2407, 0.2032, 0.2457

Rectangle

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



52.2407, 0.3413, 0.2633



52.2407, 0.4294, 0.3352



52.2407, 0.2765, 0.4112



52.2407, 0.2081, 0.3051

Sweetspot

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



52.2384, 0.3413, 0.2633



82.8456, 0.3196, 0.3101



43.5526, 0.2649, 0.2226



17.3177, 0.3205, 0.3077



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.



52.2384, 0.3413, 0.2633



46.0314, 0.3488, 0.2508



50.0355, 0.3847, 0.3095



18.1993, 0.3186, 0.3127



12.7804, 0.4182, 0.2077



1.2640, 0.4043, 0.2001

Inverse Universe

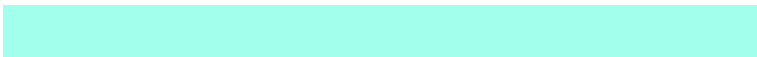
The Inverse Universe completely reimagines the original color for something new.



52.2384, 0.3413, 0.2633



46.0314, 0.3488, 0.2508



85.1644, 0.2698, 0.3501



18.1993, 0.3186, 0.3127



12.7804, 0.4182, 0.2077



1.2640, 0.4043, 0.2001

Previews

White Background



This preview shows how the Yxy color 52.2407, 0.3413, 0.2633 looks on a white background.

Color Contrast Check

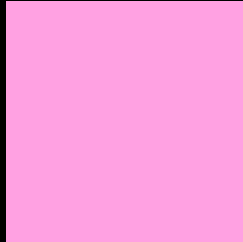
Large Text (above 18pt) WCAG AA × Fail

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 52.2407, 0.3413, 0.2633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

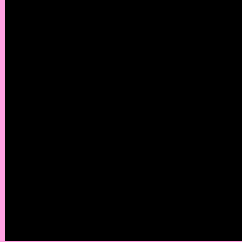
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.2407, 0.3413, 0.2633

Background



This preview shows how black text looks on a background with the Yxy color 52.2407, 0.3413, 0.2633.



This preview shows how white text looks on a background with the Yxy color 52.2407, 0.3413, 0.2633.

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

52.2407, 0.3413, 0.2633

Protanopia

52.8278, 0.2651, 0.2634

Deuteranopia

52.4969, 0.2948, 0.2888



Tritanopia

52.0773, 0.3757, 0.3153

Trichromacy



Original Color

52.2407, 0.3413, 0.2633



Protanomaly

51.4513, 0.2888, 0.2613



Deuteranomaly

51.9202, 0.3101, 0.2783



Tritanomaly

52.0451, 0.3632, 0.2955

Monochromacy



Original Color

52.2407, 0.3413, 0.2633



Achromatopsia

55.8340, 0.3127, 0.3290



Achromatomaly

53.7405, 0.3223, 0.3016

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.2407, 0.3413, 0.2633 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(255, 161, 226)` looks like.

```
.text, #text, p{  
    color:rgb(255, 161, 226)  
}
```

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(255, 161, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 161, 226) }
```

Border

The CSS property to change the border of an element to Yxy 52.2407, 0.3413, 0.2633 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(255, 161, 226) }
```

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

```
.border{ border-color:rgb(255, 161, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 161, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 161, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 161, 226);  
box-shadow:4px 4px 4px 4px rgb(255, 161,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 52.2407, 0.3413, 0.2633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 161, 226) }
```

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

```
.background{ background-color: rgb(255,  
161, 226) }
```

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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