

Converting Colors

Yxy(52.6772, 0.3163, 0.2525)

Have a look what the booklet for
Yxy(52.6772, 0.3163, 0.2525)
contains.

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Color

Yxy(52.6891, 0.3163, 0.2526)

Conversions

Conversions Part 1

Format	Color
Hex	F1A7F1
RGB	241, 167, 241
RGB Percent	95%, 65%, 95%
CMY	0.0548, 0.3451, 0.0548
CMYK	0.00, 0.31, 0.00, 0.05
HSL	300°, 73%, 80%
HSV	300°, 31%, 95%
XYZ	65.9761, 52.6891, 89.9219
YIQ	197.5620, 20.3500, 38.7020

Conversions

Conversions Part 2

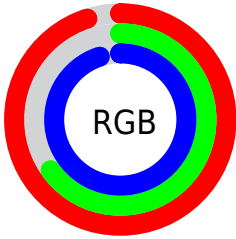
Format	Color
R _Y B	241, 167, 241
Decimal	15837169
CIE Lab	77.69, 38.87, -26.11
CIE LCh	78, 46.823, 326.113
Yxy	52.6891, 0.3163, 0.2526
Android (android.graphics.Color)	4294027249 (0xFFFF1A7F1)
YUV	197.5620, 21.4149, 38.0951
Hunter-Lab	72.5873, 35.2147, -22.6380

Details

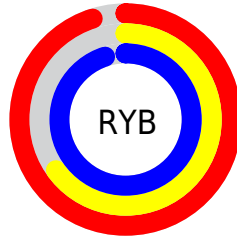
The Yxy color **52.6891, 0.3163, 0.2526** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **73.9240, 0.3085, 0.4194**, and the grayscale version is **56.0528, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.2554, 0.3142, 0.2980**, and **25.7278, 0.3160, 0.2354** is the 20% darker color. If you saturate the color by 10%, you get **44.6686, 0.3174, 0.2288**, and if you desaturate by 10%, it is **62.3597, 0.3151, 0.2775**.

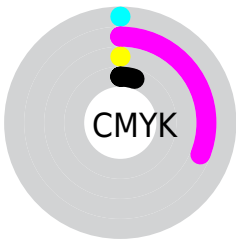
Distribution



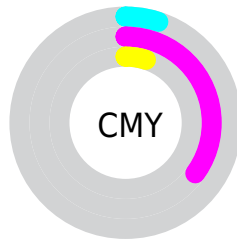
- Red (95%)
- Green (65%)
- Blue (95%)



- Red (95%)
- Yellow (65%)
- Blue (95%)



- Cyan (0%)
- Magenta (31%)
- Yellow (0%)
- Black (5%)





- Cyan (5%)
- Magenta (35%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.6891, 0.3163, 0.2526 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 52.6891, 0.3163, 0.2526 by changing the saturation by 10% instead.


 52.6891, 0.3163,
0.2526

 52.6891, 0.3163,
0.2526

397.0912, 0.3155,
0.2875

 37.5546, 0.3163,
0.2448


 94.1467, 0.3162,
0.2646

 25.6372, 0.3161,
0.2352


 121.2387, 0.3161,
0.2693

 16.5524, 0.3157,
0.2233

153.0852, 0.3160,
0.2733

 9.9159, 0.3149,
0.2080


190.0708, 0.3159,
0.2769

 5.3432, 0.3133,
0.1877

232.5798, 0.3158,
0.2800

 2.4500, 0.3097,
0.1600

280.9966, 0.3157,

 0.8515, 0.3015,

0.2828

0.1205

335.7056, 0.3156,
0.2853

0.0000, 0.2969,
0.0000

0.0000, 0.0000,
0.0000

52.6891, 0.3163,
0.2526

52.6891, 0.3163,
0.2526

44.6686, 0.3174,
0.2288

62.3597, 0.3151,
0.2775

38.1997, 0.3184,
0.2071

73.7579, 0.3140,
0.3027


33.1841, 0.3193,
0.1885

86.9648, 0.3128,
0.3273

29.5095, 0.3200,
0.1736


96.5749, 0.3121,
0.3428

 27.0473, 0.3205,
0.1631


 96.5750, 0.3121,
0.3428


 25.6435, 0.3208,
0.1568

 96.5750, 0.3121,
0.3428

 25.0547, 0.3209,
0.1542

 96.5750, 0.3121,
0.3428

 96.5750, 0.3121,
0.3428

 96.5751, 0.3121,
0.3428

Harmonies

Analogous

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



52.6891, 0.2577, 0.2335



52.6891, 0.3163, 0.2526



52.6891, 0.3799, 0.2878

Triad

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



52.6891, 0.3163, 0.2526



52.6891, 0.4116, 0.4230



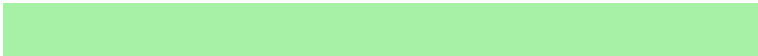
52.6891, 0.2107, 0.3082

Complementary

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



52.6891, 0.3163, 0.2526



73.9240, 0.3085, 0.4194

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.



52.6891, 0.2450, 0.3727



52.6891, 0.3163, 0.2526



52.6891, 0.3605, 0.4439

Square

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



52.6891, 0.3163, 0.2526



52.6891, 0.4371, 0.3811



52.6891, 0.2994, 0.4268



52.6891, 0.2017, 0.2593

Rectangle

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



52.6891, 0.3163, 0.2526



52.6891, 0.4140, 0.3173



52.6891, 0.2994, 0.4268



52.6891, 0.2194, 0.3289

Sweetspot

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



52.6914, 0.3163, 0.2526



86.2214, 0.3138, 0.3069



42.6577, 0.2583, 0.2402



18.0124, 0.3139, 0.3032



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.



52.6914, 0.3163, 0.2526



53.8475, 0.3170, 0.2372



50.7591, 0.3467, 0.2878



16.0314, 0.3138, 0.3057



13.5848, 0.3209, 0.1542



1.1301, 0.3209, 0.1542

Inverse Universe

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



49.1297, 0.3824, 0.3292



49.1885, 0.4038, 0.3293



75.4350, 0.2887, 0.3745



15.7589, 0.3293, 0.3291



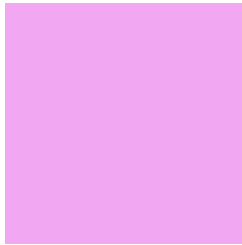
10.1410, 0.6401, 0.3300



0.8436, 0.6401, 0.3300

Previews

White Background



This preview shows how the Yxy color 52.6891, 0.3163, 0.2526 looks on a white background.

Color Contrast Check

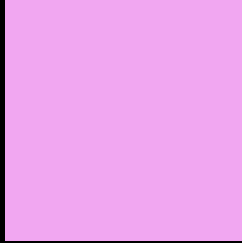
Large Text (above 18pt) WCAG AA × Fail

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 52.6891, 0.3163, 0.2526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

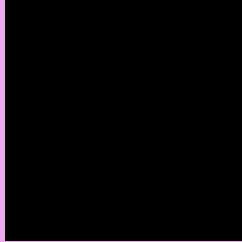
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.6891, 0.3163, 0.2526

Background



This preview shows how black text looks on a background with the Yxy color 52.6891, 0.3163, 0.2526.



This preview shows how white text looks on a background with the Yxy color 52.6891, 0.3163, 0.2526.

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

52.6891, 0.3163, 0.2526

Protanopia

53.0456, 0.2580, 0.2538

Deuteranopia

52.7722, 0.2780, 0.2717



Tritanopia

52.6544, 0.3522, 0.3146

Trichromacy



Original Color

52.6891, 0.3163, 0.2526



Protanomaly

52.3638, 0.2765, 0.2528



Deuteranomaly

52.0810, 0.2911, 0.2637



Tritanomaly

52.4951, 0.3389, 0.2899

Monochromacy



Original Color

52.6891, 0.3163, 0.2526



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

54.6918, 0.3142, 0.2981

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.6891, 0.3163, 0.2526 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, 167, 241)` looks like.

```
.text, #text, p{  
    color:rgb(241, 167, 241)  
}
```

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, 167, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 167, 241) }
```

Border

The CSS property to change the border of an element to Yxy 52.6891, 0.3163, 0.2526 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, 167, 241) }
```

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

```
.border{ border-color:rgb(241, 167, 241) }
```

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

Here you see how a box with a 4 pixel rgb(241, 167, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 167, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 167, 241);  
box-shadow:4px 4px 4px 4px rgb(241, 167,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 52.6891, 0.3163, 0.2526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 167, 241) }
```

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

```
.background{ background-color: rgb(241,  
167, 241) }
```

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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