

Converting Colors

Yxy(51.6534, 0.3230, 0.2516)

Have a look what the booklet for
Yxy(51.6534, 0.3230, 0.2516)
contains.

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Color

Yxy(51.6065, 0.3232, 0.2513)

Conversions

Conversions Part 1

Format	Color
Hex	F6A2EE
RGB	246, 162, 238
RGB Percent	96%, 64%, 93%
CMY	0.0352, 0.3648, 0.0665
CMYK	0.00, 0.34, 0.03, 0.04
HSL	306°, 82%, 80%
HSV	306°, 34%, 96%
XYZ	66.3718, 51.6065, 87.3799
YIQ	195.7800, 25.6680, 41.4440

Conversions

Conversions Part 2

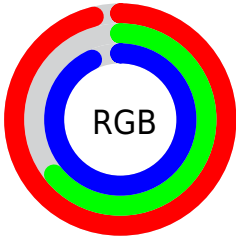
Format	Color
R _Y B	246, 162, 238
Decimal	16163566
CIE Lab	77.04, 42.54, -25.44
CIE LCh	77, 49.562, 329.123
Yxy	51.6065, 0.3232, 0.2513
Android (android.graphics.Color)	4294353646 (0xFFFF6A2EE)
YUV	195.7800, 20.8145, 44.0429
Hunter-Lab	71.8377, 39.2026, -21.8311

Details

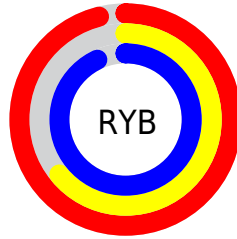
The Yxy color **51.6065, 0.3232, 0.2513** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **76.5133, 0.3037, 0.4215**, and the grayscale version is **54.9266, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.6228, 0.3144, 0.2930**, and **25.0060, 0.3241, 0.2339** is the 20% darker color. If you saturate the color by 10%, you get **43.6368, 0.3269, 0.2296**, and if you desaturate by 10%, it is **61.2780, 0.3198, 0.2741**.

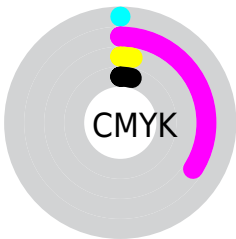
Distribution



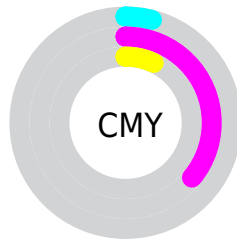
- Red (96%)
- Green (64%)
- Blue (93%)



- Red (96%)
- Yellow (64%)
- Blue (93%)



- Cyan (0%)
- Magenta (34%)
- Yellow (3%)
- Black (4%)




- Cyan (4%)
- Magenta (36%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.6065, 0.3232, 0.2513 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 51.6065, 0.3232, 0.2513 by changing the saturation by 10% instead.


 51.6065, 0.3232,
0.2513

 51.6065, 0.3232,
0.2513


392.9156, 0.3191,
0.2868

 36.6915, 0.3239,
0.2433


 92.5507, 0.3219,
0.2635

 24.9687, 0.3247,
0.2336


 119.3486, 0.3214,
0.2683

 16.0538, 0.3256,
0.2214


150.8764, 0.3209,
0.2724

 9.5622, 0.3263,
0.2058

187.5183, 0.3205,
0.2760

 5.1097, 0.3269,
0.1851

229.6588, 0.3201,
0.2792

 2.3118, 0.3264,
0.1568

277.6822, 0.3197,

 0.7799, 0.3232,

0.2820

0.1161

331.9730, 0.3194,
0.2846

0.0000, 0.3268,
0.0000

0.0000, 0.0000,
0.0000

51.6065, 0.3232,
0.2513

51.6065, 0.3232,
0.2513

43.6368, 0.3269,
0.2296

61.2780, 0.3198,
0.2741

37.2628, 0.3307,
0.2101

72.7358, 0.3166,
0.2972

32.3772, 0.3345,
0.1936

86.0669, 0.3138,
0.3198

28.8563, 0.3383,
0.1810

97.8591, 0.3115,
0.3364

■ 26.5571, 0.3418,
0.1729

■ 98.0049, 0.3102,
0.3341

■ 25.3043, 0.3451,
0.1691

■ 98.1525, 0.3089,
0.3318

■ 24.9066, 0.3469,
0.1685

■ 98.3019, 0.3075,
0.3295

■ 98.3390, 0.3072,
0.3290

Harmonies

Analogous

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



51.6065, 0.2596, 0.2292



51.6065, 0.3232, 0.2513



51.6065, 0.3905, 0.2896

Triad

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



51.6065, 0.3232, 0.2513



51.6065, 0.4129, 0.4319



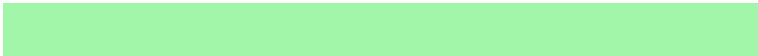
51.6065, 0.2025, 0.3001

Complementary

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



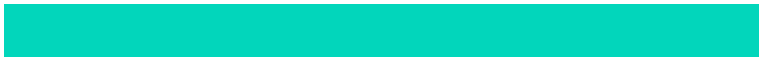
51.6065, 0.3232, 0.2513



76.5133, 0.3037, 0.4215

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.



51.6065, 0.2358, 0.3686



51.6065, 0.3232, 0.2513



51.6065, 0.3566, 0.4519

Square

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



51.6065, 0.3232, 0.2513



51.6065, 0.4439, 0.3883



51.6065, 0.2917, 0.4296



51.6065, 0.1959, 0.2509

Rectangle

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



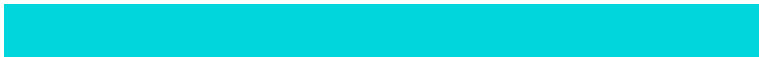
51.6065, 0.3232, 0.2513



51.6065, 0.4251, 0.3211



51.6065, 0.2917, 0.4296



51.6065, 0.2107, 0.3217

Sweetspot

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



51.6088, 0.3232, 0.2513



84.6404, 0.3154, 0.3066



40.9240, 0.2558, 0.2279



17.6905, 0.3158, 0.3034



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.



51.6088, 0.3232, 0.2513



49.8124, 0.3257, 0.2361



49.4650, 0.3597, 0.2916



16.7395, 0.3153, 0.3079



13.3015, 0.3464, 0.1682



1.1768, 0.3428, 0.1662

Inverse Universe

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



51.6088, 0.3232, 0.2513



49.8124, 0.3257, 0.2361



78.3156, 0.2818, 0.3702



16.7395, 0.3153, 0.3079



13.3015, 0.3464, 0.1682



1.1768, 0.3428, 0.1662

Previews

White Background



This preview shows how the Yxy color 51.6065, 0.3232, 0.2513 looks on a white background.

Color Contrast Check

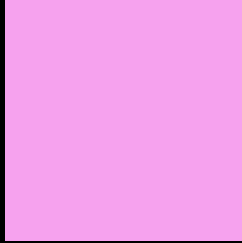
Large Text (above 18pt) WCAG AA × Fail

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 51.6065, 0.3232, 0.2513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

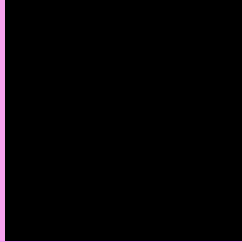
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.6065, 0.3232, 0.2513

Background



This preview shows how black text looks on a background with the Yxy color 51.6065, 0.3232, 0.2513.



This preview shows how white text looks on a background with the Yxy color 51.6065, 0.3232, 0.2513.

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

51.6065, 0.3232, 0.2513

Protanopia

51.9571, 0.2565, 0.2512

Deuteranopia

51.9886, 0.2798, 0.2746



Tritanopia

51.4009, 0.3613, 0.3137

Trichromacy



Original Color

51.6065, 0.3232, 0.2513



Protanomaly

51.2219, 0.2776, 0.2505



Deuteranomaly

51.2488, 0.2940, 0.2646



Tritanomaly

51.2903, 0.3476, 0.2892

Monochromacy



Original Color

51.6065, 0.3232, 0.2513



Achromatopsia

55.2011, 0.3127, 0.3290



Achromatomaly

53.2803, 0.3167, 0.2979

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.6065, 0.3232, 0.2513 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(246, 162, 238)` looks like.

```
.text, #text, p{  
    color:rgb(246, 162, 238)  
}
```

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(246, 162, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 162, 238) }
```

Border

The CSS property to change the border of an element to Yxy 51.6065, 0.3232, 0.2513 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(246, 162, 238) }
```

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

```
.border{ border-color:rgb(246, 162, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 162, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 162, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 162, 238);  
box-shadow:4px 4px 4px 4px rgb(246, 162,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 51.6065, 0.3232, 0.2513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 162, 238) }
```

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

```
.background{ background-color: rgb(246,  
162, 238) }
```

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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