

Converting Colors

$Yxy(68.6761, 0.3778, 0.2651)$

Have a look what the booklet for
Yxy(68.6761, 0.3778, 0.2651)
contains.

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Color

Yxy(54.6413, 0.3264, 0.2517)

Conversions

Conversions Part 1

Format	Color
Hex	FFA5F3
RGB	255, 165, 243
RGB Percent	100%, 65%, 95%
CMY	0.0002, 0.3528, 0.0471
CMYK	0.00, 0.35, 0.05, 0.00
HSL	308°, 100%, 82%
HSV	308°, 35%, 100%
XYZ	70.8578, 54.6413, 91.5898
YIQ	200.8020, 28.6020, 43.3380

Conversions

Conversions Part 2

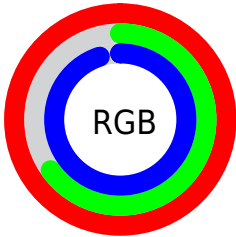
Format	Color
R _Y B	255, 165, 243
Decimal	16754163
CIE Lab	78.83, 44.60, -25.29
CIE LCh	79, 51.273, 330.448
Yxy	54.6413, 0.3264, 0.2517
Android (android.graphics.Color)	4294944243 (0xFFFFA5F3)
YUV	200.8020, 20.8036, 47.5316
Hunter-Lab	73.9198, 41.7466, -21.7191

Details

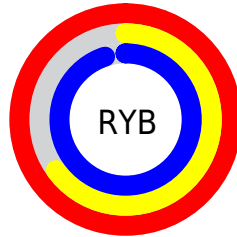
The Yxy color $54.6413, 0.3264, 0.2517$ is a light color, and the websafe version is hex $FF99FF$. A complement of this color would be $82.6694, 0.3016, 0.4211$, and the grayscale version is $58.1371, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.1929, 0.3143, 0.2960$, and $26.8271, 0.3285, 0.2339$ is the 20% darker color. If you saturate the color by 10%, you get $46.1396, 0.3312, 0.2308$, and if you desaturate by 10%, it is $64.9849, 0.3220, 0.2737$.

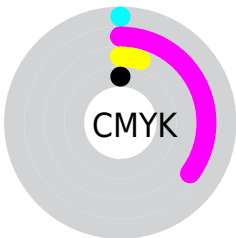
Distribution



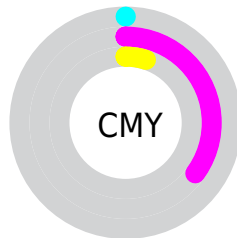
- Red (100%)
- Green (65%)
- Blue (95%)



- Red (100%)
- Yellow (65%)
- Blue (95%)



- Cyan (0%)
- Magenta (35%)
- Yellow (5%)
- Black (0%)




- Cyan (0%)
- Magenta (35%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.6413, 0.3264, 0.2517 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 54.6413, 0.3264, 0.2517 by changing the saturation by 10% instead.


 54.6413, 0.3264,
0.2517


 54.6413, 0.3264,
0.2517


404.5508, 0.3208,
0.2867

 39.1146, 0.3275,
0.2439

 97.0152, 0.3246,
0.2637

 26.8489, 0.3287,
0.2345


 124.6312, 0.3239,
0.2684

 17.4598, 0.3301,
0.2227


157.0458, 0.3232,
0.2724

 10.5628, 0.3317,
0.2077

194.6433, 0.3227,
0.2760

 5.7737, 0.3333,
0.1881

237.8082, 0.3221,
0.2791

 2.7080, 0.3346,
0.1613

286.9248, 0.3217,

 0.9812, 0.3343,

0.2819

0.1237

342.3775, 0.3212,
0.2844

0.0000, 0.3519,
0.0000

0.0000, 0.0000,
0.0000

54.6413, 0.3264,
0.2517

54.6413, 0.3264,
0.2517

46.1396, 0.3312,
0.2308

64.9849, 0.3220,
0.2737

39.3629, 0.3363,
0.2121

77.2636, 0.3180,
0.2960

34.1926, 0.3415,
0.1965

91.5730, 0.3144,
0.3178

30.4917, 0.3467,
0.1848

99.9916, 0.3127,
0.3290

■ 28.1007, 0.3517,
0.1777

■ 26.8226, 0.3564,
0.1750

■ 26.4722, 0.3585,
0.1748

Harmonies

Analogous

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



54.6413, 0.2613, 0.2285



54.6413, 0.3264, 0.2517



54.6413, 0.3943, 0.2911

Triad

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



54.6413, 0.3264, 0.2517



54.6413, 0.4121, 0.4348



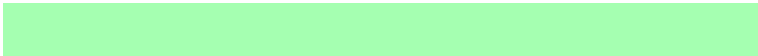
54.6413, 0.2001, 0.2968

Complementary

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



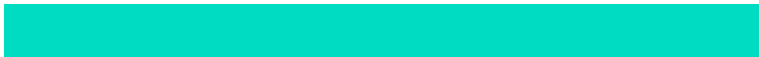
54.6413, 0.3264, 0.2517



82.6694, 0.3016, 0.4211

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.



54.6413, 0.2327, 0.3659



54.6413, 0.3264, 0.2517



54.6413, 0.3542, 0.4538

Square

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



54.6413, 0.3264, 0.2517



54.6413, 0.4451, 0.3911



54.6413, 0.2885, 0.4292



54.6413, 0.1947, 0.2482

Rectangle

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



54.6413, 0.3264, 0.2517



54.6413, 0.4286, 0.3231



54.6413, 0.2885, 0.4292



54.6413, 0.2080, 0.3184

Sweetspot

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



54.6437, 0.3264, 0.2517



83.1525, 0.3164, 0.3054



43.3141, 0.2555, 0.2245



17.3912, 0.3169, 0.3024



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.



54.6437, 0.3264, 0.2517



48.7436, 0.3296, 0.2375



52.3208, 0.3647, 0.2933



18.2563, 0.3159, 0.3086



13.8539, 0.3578, 0.1745



1.3600, 0.3529, 0.1718

Inverse Universe

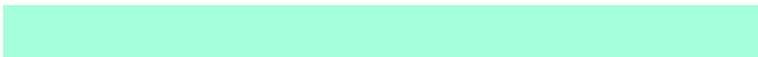
The Inverse Universe completely reimagines the original color for something new.



54.6437, 0.3264, 0.2517



48.7436, 0.3296, 0.2375



84.6878, 0.2794, 0.3683



18.2563, 0.3159, 0.3086



13.8539, 0.3578, 0.1745



1.3600, 0.3529, 0.1718

Previews

White Background



This preview shows how the Yxy color 54.6413, 0.3264, 0.2517 looks on a white background.

Color Contrast Check

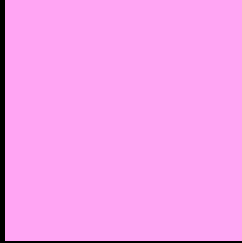
Large Text (above 18pt) WCAG AA × Fail

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 54.6413, 0.3264, 0.2517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

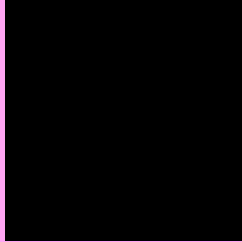
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.6413, 0.3264, 0.2517

Background



This preview shows how black text looks on a background with the Yxy color 54.6413, 0.3264, 0.2517.



This preview shows how white text looks on a background with the Yxy color 54.6413, 0.3264, 0.2517.

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

54.6413, 0.3264, 0.2517

Protanopia

54.9436, 0.2616, 0.2580

Deuteranopia

54.7721, 0.2812, 0.2748



Tritanopia

54.6812, 0.3656, 0.3152

Trichromacy



Original Color

54.6413, 0.3264, 0.2517



Protanomaly

54.0974, 0.2824, 0.2543



Deuteranomaly

54.3461, 0.2967, 0.2653



Tritanomaly

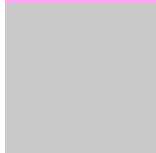
54.6177, 0.3512, 0.2904

Monochromacy



Original Color

54.6413, 0.3264, 0.2517



Achromatopsia

58.4078, 0.3127, 0.3290



Achromatomaly

56.2965, 0.3182, 0.2976

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.6413, 0.3264, 0.2517 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, 165, 243)` looks like.

```
.text, #text, p{  
    color:rgb(255, 165, 243)  
}
```

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, 165, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 165, 243) }
```

Border

The CSS property to change the border of an element to Yxy 54.6413, 0.3264, 0.2517 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, 165, 243) }
```

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

```
.border{ border-color:rgb(255, 165, 243) }
```

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

Here you see how a box with a 4 pixel rgb(255, 165, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 165, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 165, 243);  
box-shadow:4px 4px 4px 4px rgb(255, 165,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 54.6413, 0.3264, 0.2517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 165, 243) }
```

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

```
.background{ background-color: rgb(255,  
165, 243) }
```

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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