

Converting Colors

$Yxy(92.6757, 0.3948, 0.4523)$

Have a look what the booklet for
Yxy(92.6757, 0.3948, 0.4523)
contains.

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Color

Yxy(91.6104, 0.3917, 0.4535)

Conversions

Conversions Part 1

Format	Color
Hex	FFFB78
RGB	255, 251, 120
RGB Percent	100%, 98%, 47%
CMY	0.0000, 0.0157, 0.5295
CMYK	0.00, 0.02, 0.53, 0.00
HSL	58°, 100%, 74%
HSV	58°, 53%, 100%
XYZ	79.1263, 91.6104, 31.2708
YIQ	237.2620, 44.4350, -39.8930

Conversions

Conversions Part 2

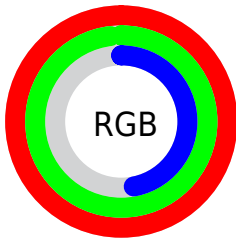
Format	Color
RYB	124, 255, 120
Decimal	16776056
CIELab	96.66, -15.25, 62.29
CIELCh	97, 64.128, 103.754
Yxy	91.6104, 0.3917, 0.4535
Android (android.graphics.Color)	4294966136 (0xFFFFFB78)
YUV	237.2620, -57.8102, 15.5562
Hunter-Lab	95.7133, -19.9321, 47.6285

Details

The Yxy color **91.6104, 0.3917, 0.4535** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **25.6169, 0.2109, 0.1638**, and the grayscale version is **85.3292, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8751, 0.3603, 0.4076**, and **51.1476, 0.4041, 0.4781** is the 20% darker color. If you saturate the color by 10%, you get **90.6054, 0.4034, 0.4713**, and if you desaturate by 10%, it is **92.7899, 0.3781, 0.4325**.

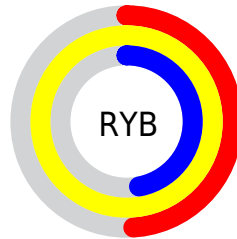
Distribution



Red (100%)

Green (98%)

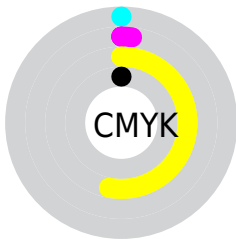
Blue (47%)



Red (49%)

Yellow (100%)

Blue (47%)

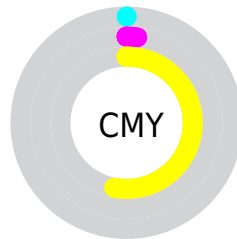


Cyan (0%)

Magenta (2%)

Yellow (53%)

Black (0%)



Cyan (0%)


Magenta (2%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.6104, 0.3917, 0.4535 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 91.6104, 0.3917, 0.4535 by changing the saturation by 10% instead.


 91.6104, 0.3917,
0.4535


 91.6104, 0.3917,
0.4535


533.2556, 0.3598,
0.3991

 69.3171, 0.3976,
0.4647


 149.5733, 0.3817,
0.4355

 50.9700, 0.4041,
0.4778


 186.0117, 0.3775,
0.4283

 36.1847, 0.4111,
0.4931


 227.9338, 0.3738,
0.4219

 24.5769, 0.4182,
0.5111

275.7242, 0.3704,
0.4163

 15.7621, 0.4244,
0.5316

329.7672, 0.3673,
0.4112

 9.3560, 0.4338,
0.5623

390.4471, 0.3646,

 4.9741, 0.4230,

0.4068

0.5770

458.1485, 0.3621,
0.4027

■ 2.2321, 0.4026,
0.5974

■ 0.7374, 0.3083,
0.6917

■ 91.6104, 0.3917,
0.4535

■ 91.6104, 0.3917,
0.4535

■ 90.6054, 0.4034,
0.4713

■ 92.7899, 0.3781,
0.4325

■ 89.7497, 0.4126,
0.4851

■ 94.1441, 0.3633,
0.4093

■ 89.0319, 0.4192,
0.4945

■ 95.6877, 0.3479,
0.3849

■ 88.4330, 0.4231,
0.4995

■ 97.4308, 0.3323,
0.3602

 88.0632, 0.4247,
0.5010

 99.3825, 0.3171,
0.3360

100.0000, 0.3127,
0.3290

Harmonies

Analogous

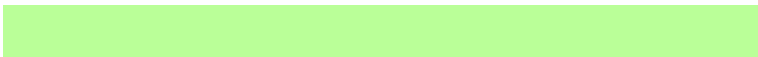
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.6104, 0.4403, 0.4155



91.6104, 0.3917, 0.4535



91.6104, 0.3250, 0.4558

Triad

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



91.6104, 0.3917, 0.4535



91.6104, 0.1891, 0.2687



91.6104, 0.3598, 0.2646

Complementary

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



91.6104, 0.3917, 0.4535



25.6169, 0.2109, 0.1638

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.



91.6104, 0.2871, 0.2324



91.6104, 0.3917, 0.4535



91.6104, 0.1958, 0.2306

Square

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



91.6104, 0.3917, 0.4535



91.6104, 0.2102, 0.3338



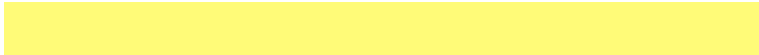
91.6104, 0.2291, 0.2197



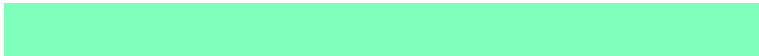
91.6104, 0.4243, 0.3108

Rectangle

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



91.6104, 0.3917, 0.4535



91.6104, 0.2796, 0.4293



91.6104, 0.2291, 0.2197



91.6104, 0.3351, 0.2520

Sweetspot

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



91.6143, 0.3917, 0.4535



96.8779, 0.3370, 0.3678



36.1529, 0.4640, 0.3250



20.6582, 0.3402, 0.3728



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.



91.6143, 0.3917, 0.4535



90.5088, 0.4044, 0.4729



84.0800, 0.3464, 0.4784



20.9931, 0.3270, 0.3518



46.0562, 0.4246, 0.5011



4.5122, 0.4239, 0.5016

Inverse Universe

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



25.6169, 0.2109, 0.1638



17.9654, 0.1888, 0.1271



30.7111, 0.2557, 0.1773



17.4637, 0.2978, 0.3051



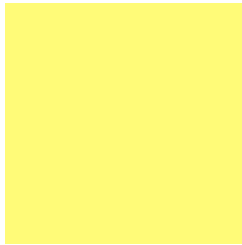
3.8954, 0.1505, 0.0618



0.4082, 0.1517, 0.0660

Previews

White Background



This preview shows how the Yxy color 91.6104, 0.3917, 0.4535 looks on a white background.

Color Contrast Check

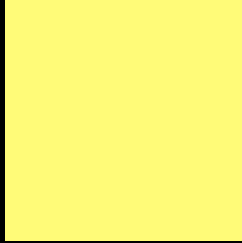
Large Text (above 18pt) WCAG AA × Fail

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 91.6104, 0.3917, 0.4535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

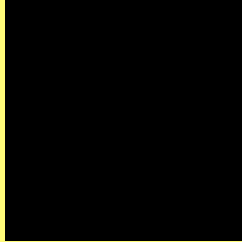
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 91.6104, 0.3917, 0.4535

Background



This preview shows how black text looks on a background with the Yxy color 91.6104, 0.3917, 0.4535.



This preview shows how white text looks on a background with the Yxy color 91.6104, 0.3917, 0.4535.

Color Blindness Simulation

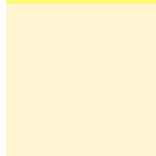
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



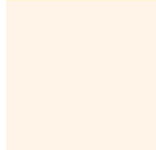
Original Color

91.6104, 0.3917, 0.4535



Protanopia

91.2680, 0.3404, 0.3627



Deuteranopia

91.7309, 0.3279, 0.3418



Tritanopia

91.6038, 0.3169, 0.3223

Trichromacy



Original Color

91.6104, 0.3917, 0.4535



Protanomaly

90.9959, 0.3606, 0.3976



Deuteranomaly

91.5431, 0.3526, 0.3847



Tritanomaly

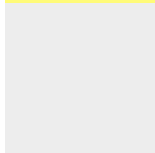
90.8291, 0.3461, 0.3717

Monochromacy



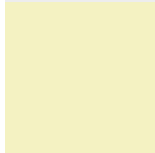
Original Color

91.6104, 0.3917, 0.4535



Achromatopsia

84.6873, 0.3127, 0.3290



Achromatomaly

86.6324, 0.3440, 0.3782

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.6104, 0.3917, 0.4535 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, 251, 120)` looks like.

```
.text, #text, p{  
    color:rgb(255, 251, 120)  
}
```

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, 251, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 251, 120) }
```

Border

The CSS property to change the border of an element to Yxy 91.6104, 0.3917, 0.4535 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, 251, 120) }
```

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

```
.border{ border-color:rgb(255, 251, 120) }
```

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

Here you see how a box with a 4 pixel rgb(255, 251, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 251, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 251, 120);  
box-shadow:4px 4px 4px 4px rgb(255, 251,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 91.6104, 0.3917, 0.4535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 251, 120) }
```

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

```
.background{ background-color: rgb(255,  
251, 120) }
```

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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