

Converting Colors

$Yxy(93.1112, 0.4043, 0.4828)$

Have a look what the booklet for
Yxy(93.1112, 0.4043, 0.4828)
contains.

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Color

Yxy(93.2000, 0.4045, 0.4824)

Conversions

Conversions Part 1

Format	Color
Hex	FEFF52
RGB	254, 255, 82
RGB Percent	100%, 100%, 32%
CMY	0.0040, 0.0000, 0.6784
CMYK	0.00, 0.00, 0.68, 0.00
HSL	60°, 100%, 66%
HSV	60°, 68%, 100%
XYZ	78.1497, 93.2000, 21.8510
YIQ	234.9790, 54.9370, -54.0150

Conversions

Conversions Part 2

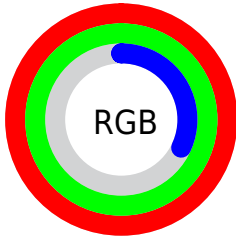
Format	Color
R _Y B	82, 255, 83
Decimal	16711506
CIE Lab	97.31, -19.98, 78.27
CIE LCh	97, 80.777, 104.322
Yxy	93.2000, 0.4045, 0.4824
Android (android.graphics.Color)	4294901586 (0xFFFEFF52)
YUV	234.9790, -75.4186, 16.6814
Hunter-Lab	96.5401, -24.4487, 54.1583

Details

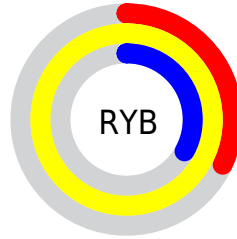
The Yxy color **93.2000, 0.4045, 0.4824** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **15.0937, 0.1812, 0.1110**, and the grayscale version is **83.6085, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.6734, 0.3798, 0.4400**, and **52.3162, 0.4149, 0.5087** is the 20% darker color. If you saturate the color by 10%, you get **92.8485, 0.4116, 0.4944**, and if you desaturate by 10%, it is **93.6870, 0.3948, 0.4661**.

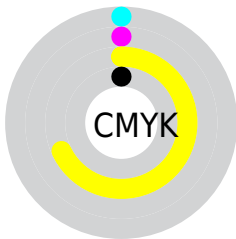
Distribution



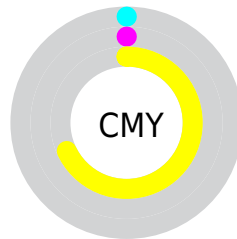
- Red (100%)
- Green (100%)
- Blue (32%)



- Red (32%)
- Yellow (100%)
- Blue (33%)



- Cyan (0%)
- Magenta (0%)
- Yellow (68%)
- Black (0%)




- Cyan (0%)
- Magenta (0%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 93.2000, 0.4045, 0.4824 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 93.2000, 0.4045, 0.4824 by changing the saturation by 10% instead.

 93.2000, 0.4045,
0.4824


 93.2000, 0.4045,
0.4824


538.3863, 0.3700,
0.4172


 70.6377, 0.4100,
0.4951


 151.7755, 0.3944,
0.4615


 52.0466, 0.4155,
0.5094


 188.5575, 0.3899,
0.4528

 37.0422, 0.4206,
0.5255

 230.8482, 0.3858,
0.4451

 25.2402, 0.4243,
0.5431

 279.0320, 0.3821,
0.4383

 16.2561, 0.4273,
0.5647

333.4934, 0.3787,
0.4322

 9.7056, 0.4198,
0.5802


394.6166, 0.3755,


 5.2042, 0.4036,


0.4266


0.5964


462.7861, 0.3726,
0.4217


 2.3676, 0.3774,
0.6226


 0.8091, 0.2579,
0.7421

 93.2000, 0.4045,
0.4824


 93.2000, 0.4045,
0.4824


 92.8485, 0.4116,
0.4944


 93.6870, 0.3948,
0.4661


 92.6286, 0.4160,
0.5020


 94.3368, 0.3829,
0.4462


 92.5133, 0.4180,
0.5056

 95.1577, 0.3694,
0.4234

 92.4952, 0.4183,
0.5061

 96.1610, 0.3547,
0.3989

 97.3570, 0.3395,
0.3736

 98.7555, 0.3243,
0.3483

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.



93.2000, 0.4669, 0.4308



93.2000, 0.4045, 0.4824



93.2000, 0.3227, 0.4907

Triad

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



93.2000, 0.4045, 0.4824



93.2000, 0.1636, 0.2511



93.2000, 0.3723, 0.2515

Complementary

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



93.2000, 0.4045, 0.4824



15.0937, 0.1812, 0.1110

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.



93.2000, 0.2814, 0.2133



93.2000, 0.4045, 0.4824



93.2000, 0.1725, 0.2082

Square

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



93.2000, 0.4045, 0.4824



93.2000, 0.1863, 0.3310



93.2000, 0.2117, 0.1975



93.2000, 0.4537, 0.3056

Rectangle

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



93.2000, 0.4045, 0.4824



93.2000, 0.2677, 0.4571



93.2000, 0.2117, 0.1975



93.2000, 0.3411, 0.2366

Sweetspot

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



93.1956, 0.4045, 0.4824



97.0825, 0.3428, 0.3791



27.9030, 0.5409, 0.3297



20.7060, 0.3471, 0.3862



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.



93.1956, 0.4045, 0.4824



92.7662, 0.4133, 0.4973



80.5087, 0.3460, 0.5203



21.0850, 0.3268, 0.3525



48.3332, 0.4183, 0.5061



4.7077, 0.4184, 0.5060

Inverse Universe

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



15.0937, 0.1812, 0.1110



10.0407, 0.1622, 0.0797



21.6334, 0.2396, 0.1389



17.3829, 0.2979, 0.3044



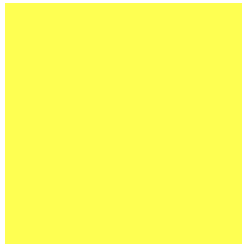
3.7799, 0.1502, 0.0601



0.3698, 0.1506, 0.0603

Previews

White Background



This preview shows how the Yxy color 93.2000, 0.4045, 0.4824 looks on a white background.

Color Contrast Check

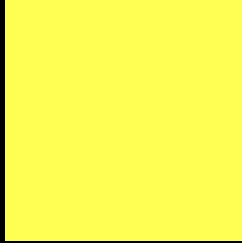
Large Text (above 18pt) WCAG AA × Fail

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 93.2000, 0.4045, 0.4824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

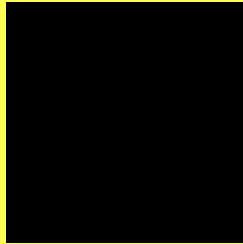
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.2000, 0.4045, 0.4824

Background



This preview shows how black text looks on a background with the Yxy color 93.2000, 0.4045, 0.4824.



This preview shows how white text looks on a background with the Yxy color 93.2000, 0.4045, 0.4824.

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



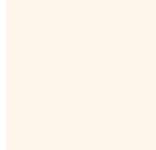
Original Color

93.2000, 0.4045, 0.4824



Protanopia

92.8960, 0.3350, 0.3566



Deuteranopia

93.1697, 0.3252, 0.3397



Tritanopia

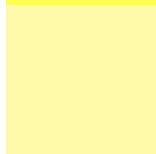
92.8635, 0.3162, 0.3232

Trichromacy



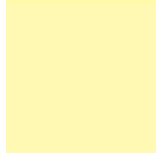
Original Color

93.2000, 0.4045, 0.4824



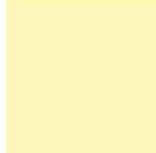
Protanomaly

92.4958, 0.3652, 0.4091



Deuteranomaly

92.2660, 0.3595, 0.3984



Tritanomaly

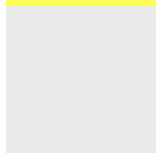
92.0689, 0.3536, 0.3876

Monochromacy



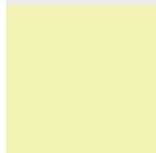
Original Color

93.2000, 0.4045, 0.4824



Achromatopsia

83.0770, 0.3127, 0.3290



Achromatomaly

85.6362, 0.3521, 0.3941

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.2000, 0.4045, 0.4824 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(254, 255, 82)` looks like.

```
.text, #text, p{  
    color:rgb(254, 255, 82)  
}
```

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(254, 255, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 255, 82) }
```

Border

The CSS property to change the border of an element to Yxy 93.2000, 0.4045, 0.4824 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(254, 255, 82) }
```

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

```
.border{ border-color:rgb(254, 255, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 255, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 255, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 255, 82);  
box-shadow:4px 4px 4px 4px rgb(254, 255,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 93.2000, 0.4045, 0.4824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 255, 82) }
```

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

```
.background{ background-color: rgb(254,  
255, 82) }
```

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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