

Converting Colors

Yxy(36.0814, 0.4914, 0.3959)

Have a look what the booklet for
Yxy(36.0814, 0.4914, 0.3959)
contains.

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Color

Yxy(36.0425, 0.4920, 0.3958)

Conversions

Conversions Part 1

Format	Color
Hex	ED8845
RGB	237, 136, 69
RGB Percent	93%, 53%, 27%
CMY	0.0706, 0.4666, 0.7296
CMYK	0.00, 0.43, 0.71, 0.07
HSL	24°, 82%, 60%
HSV	24°, 71%, 93%
XYZ	44.8027, 36.0425, 10.2172
YIQ	158.5610, 81.7030, 0.5750

Conversions

Conversions Part 2

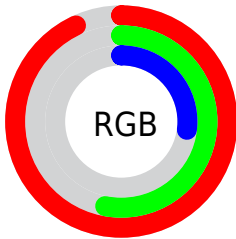
Format	Color
R _{YB}	237, 180, 69
Decimal	15566917
CIE _{Lab}	66.55, 33.30, 51.45
CIE _{LCh}	67, 61.283, 57.088
Yxy	36.0425, 0.4920, 0.3958
Android (android.graphics.Color)	4293756997 (0xFFED8845)
YUV	158.5610, -44.1536, 68.7910
Hunter-Lab	60.0354, 28.1475, 31.9344

Details

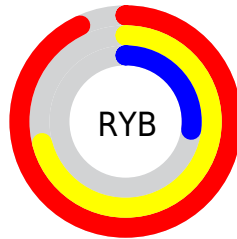
The Yxy color **36.0425, 0.4920, 0.3958** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **36.1061, 0.2090, 0.2351**, and the grayscale version is **34.6365, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.4430, 0.4248, 0.4005**, and **15.7676, 0.5384, 0.3994** is the 20% darker color. If you saturate the color by 10%, you get **32.0576, 0.5236, 0.3965**, and if you desaturate by 10%, it is **40.6818, 0.4594, 0.3907**.

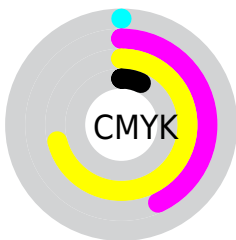
Distribution



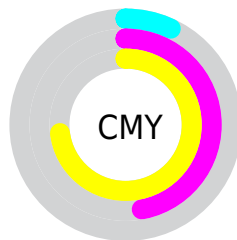
- Red (93%)
- Green (53%)
- Blue (27%)



- Red (93%)
- Yellow (71%)
- Blue (27%)



- Cyan (0%)
- Magenta (43%)
- Yellow (71%)
- Black (7%)



- Cyan (7%)
- Magenta (47%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.0425, 0.4920, 0.3958 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 36.0425, 0.4920, 0.3958 by changing the saturation by 10% instead.


 36.0425, 0.4920,
0.3958


 36.0425, 0.4920,
0.3958


329.1463, 0.4015,
0.3704


 24.4670, 0.5130,
0.3985


 69.0977, 0.4599,
0.3891


 15.6804, 0.5384,
0.3994


 91.3461, 0.4475,
0.3858

 9.2983, 0.5689,
0.3966


 117.9210, 0.4369,
0.3827

 4.9363, 0.6106,
0.3894

 149.2068, 0.4278,
0.3798

 2.2099, 0.6429,
0.3571

 185.5878, 0.4199,
0.3771

 0.7254, 0.6997,
0.3003

227.4485, 0.4130,

 0.0000, 1.0000,

0.3747

0.0000

275.1732, 0.4069,
0.3724

■ 0.0000, 0.0000,
0.0000

■ 36.0425, 0.4920,
0.3958

■ 36.0425, 0.4920,
0.3958

■ 32.0576, 0.5236,
0.3965

■ 40.6818, 0.4594,
0.3907

■ 28.6855, 0.5515,
0.3918


■ 46.0020, 0.4279,
0.3825


■ 26.1123, 0.5726,
0.3836

■ 52.0346, 0.3989,
0.3725

■ 58.8072, 0.3730,
0.3616

■ 66.3458, 0.3504,
0.3506

 74.6749, 0.3309,
0.3399

 83.8179, 0.3141,
0.3299

 93.5663, 0.3018,
0.3240

 96.7448, 0.3017,
0.3290

Harmonies

Analogous

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



36.0425, 0.4822, 0.3307



36.0425, 0.4920, 0.3958



36.0425, 0.4481, 0.4593

Triad

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



36.0425, 0.4920, 0.3958



36.0425, 0.2109, 0.3909



36.0425, 0.2349, 0.1971

Complementary

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



36.0425, 0.4920, 0.3958



36.1061, 0.2090, 0.2351

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.



36.0425, 0.1812, 0.1957



36.0425, 0.4920, 0.3958



36.0425, 0.1677, 0.2907

Square

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



36.0425, 0.4920, 0.3958



36.0425, 0.2854, 0.4798



36.0425, 0.1589, 0.2244



36.0425, 0.3188, 0.2237

Rectangle

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



36.0425, 0.4920, 0.3958



36.0425, 0.3996, 0.4914



36.0425, 0.1589, 0.2244



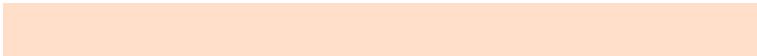
36.0425, 0.2134, 0.1936

Sweetspot

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



36.0444, 0.4920, 0.3958



78.1765, 0.3508, 0.3508



25.2558, 0.3990, 0.2262



16.1860, 0.3568, 0.3538



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.



36.0444, 0.4920, 0.3958



36.0031, 0.5366, 0.3951



68.2638, 0.4208, 0.4715



16.0404, 0.3283, 0.3384



14.4963, 0.5697, 0.3859



1.3218, 0.5443, 0.4060

Inverse Universe

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



36.1061, 0.2090, 0.2351



35.8307, 0.1955, 0.2126



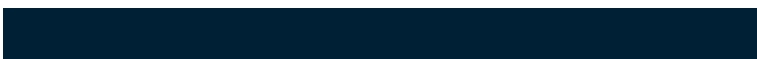
14.4489, 0.1810, 0.1230



16.0548, 0.2981, 0.3194



14.2340, 0.1869, 0.1929



1.3050, 0.1927, 0.2137

Previews

White Background



This preview shows how the Yxy color 36.0425, 0.4920, 0.3958 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 36.0425, 0.4920, 0.3958 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 36.0425, 0.4920, 0.3958

Background



This preview shows how black text looks on a background with the Yxy color 36.0425, 0.4920, 0.3958.



This preview shows how white text looks on a background with the Yxy color 36.0425, 0.4920, 0.3958.

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

36.0425, 0.4920, 0.3958

Protanopia

36.0798, 0.4064, 0.4432

Deuteranopia

36.0379, 0.4452, 0.4356



Tritanopia

35.9741, 0.4300, 0.3184

Trichromacy



Original Color

36.0425, 0.4920, 0.3958

Protanomaly

35.6944, 0.4379, 0.4257

Deuteranomaly

35.7079, 0.4634, 0.4195

Tritanomaly

35.9501, 0.4563, 0.3488

Monochromacy



Original Color

36.0425, 0.4920, 0.3958

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.2044, 0.3758, 0.3638

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.0425, 0.4920, 0.3958 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(237, 136, 69)` looks like.

```
.text, #text, p{  
    color:rgb(237, 136, 69)  
}
```

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(237, 136, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 136, 69) }
```

Border

The CSS property to change the border of an element to Yxy 36.0425, 0.4920, 0.3958 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(237, 136, 69) }
```

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

```
.border{ border-color:rgb(237, 136, 69) }
```

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

Here you see how a box with a 4 pixel rgb(237, 136, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 136, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 136, 69);  
box-shadow:4px 4px 4px 4px rgb(237, 136,  
69) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 36.0425, 0.4920, 0.3958$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 136, 69) }
```

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

```
.background{ background-color: rgb(237,  
136, 69) }
```

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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