

Converting Colors

Yxy(36.1668, 0.4813, 0.3970)

Have a look what the booklet for
Yxy(36.1668, 0.4813, 0.3970)
contains.

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Color

Yxy(36.1155, 0.4807, 0.3968)

Conversions

Conversions Part 1

Format	Color
Hex	E88B4A
RGB	232, 139, 74
RGB Percent	91%, 55%, 29%
CMY	0.0901, 0.4549, 0.7097
CMYK	0.00, 0.40, 0.68, 0.09
HSL	25°, 77%, 60%
HSV	25°, 68%, 91%
XYZ	43.7518, 36.1155, 11.1496
YIQ	159.3970, 76.2930, -0.4990

Conversions

Conversions Part 2

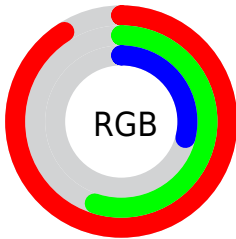
Format	Color
R _Y B	232, 184, 74
Decimal	15240010
CIE Lab	66.61, 29.99, 48.86
CIE LCh	67, 57.330, 58.457
Yxy	36.1155, 0.4807, 0.3968
Android (android.graphics.Color)	4293430090 (0xFFE88B4A)
YUV	159.3970, -42.1007, 63.6728
Hunter-Lab	60.0962, 24.7851, 31.0673

Details

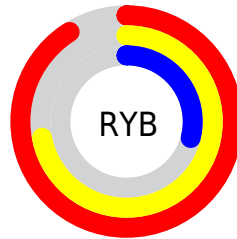
The Yxy color **36.1155, 0.4807, 0.3968** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **34.9411, 0.2115, 0.2367**, and the grayscale version is **35.0352, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.8806, 0.4193, 0.3988**, and **15.7033, 0.5247, 0.4030** is the 20% darker color. If you saturate the color by 10%, you get **32.1481, 0.5122, 0.3991**, and if you desaturate by 10%, it is **40.6962, 0.4488, 0.3904**.

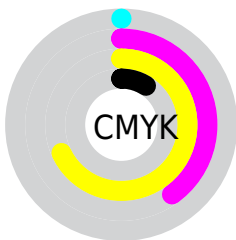
Distribution



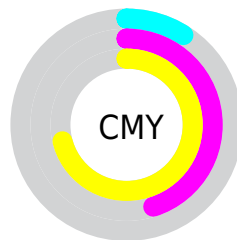
- Red (91%)
- Green (55%)
- Blue (29%)



- Red (91%)
- Yellow (72%)
- Blue (29%)



- Cyan (0%)
- Magenta (40%)
- Yellow (68%)
- Black (9%)





- Cyan (9%)
- Magenta (45%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.1155, 0.4807, 0.3968 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 36.1155, 0.4807, 0.3968 by changing the saturation by 10% instead.

 36.1155, 0.4807,
0.3968


 36.1155, 0.4807,
0.3968


329.4651, 0.3955,
0.3696


 24.5234, 0.5008,
0.4004


 69.2103, 0.4503,
0.3891


 15.7223, 0.5252,
0.4028


 91.4818, 0.4386,
0.3855

 9.3279, 0.5549,
0.4022


 118.0819, 0.4287,
0.3822

 4.9557, 0.5994,
0.4006

 149.3950, 0.4201,
0.3792

 2.2213, 0.6294,
0.3706

 185.8054, 0.4127,
0.3764

 0.7316, 0.6827,
0.3173

227.6977, 0.4063,

 0.0000, 1.0000,

0.3739

0.0000

275.4561, 0.4005,
0.3716

0.0000, 0.0000,
0.0000

36.1155, 0.4807,
0.3968

36.1155, 0.4807,
0.3968

32.1481, 0.5122,
0.3991

40.6962, 0.4488,
0.3904

28.7570, 0.5409,
0.3963

45.9133, 0.4185,
0.3813

25.9059, 0.5647,
0.3883

51.7951, 0.3907,
0.3706


25.4157, 0.5689,
0.3865

58.3661, 0.3660,
0.3593

65.6496, 0.3445,
0.3481

 73.6677, 0.3258,
0.3373

 82.4414, 0.3098,
0.3271

 91.6878, 0.2987,
0.3223

 95.8981, 0.2988,
0.3290

Harmonies

Analogous

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



36.1155, 0.4731, 0.3346



36.1155, 0.4807, 0.3968



36.1155, 0.4386, 0.4555

Triad

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



36.1155, 0.4807, 0.3968



36.1155, 0.2147, 0.3824



36.1155, 0.2427, 0.2046

Complementary

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



36.1155, 0.4807, 0.3968



34.9411, 0.2115, 0.2367

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.



36.1155, 0.1899, 0.2024



36.1155, 0.4807, 0.3968



36.1155, 0.1746, 0.2903

Square

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



36.1155, 0.4807, 0.3968



36.1155, 0.2844, 0.4660



36.1155, 0.1671, 0.2290



36.1155, 0.3229, 0.2310

Rectangle

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



36.1155, 0.4807, 0.3968



36.1155, 0.3925, 0.4832



36.1155, 0.1671, 0.2290



36.1155, 0.2217, 0.2010

Sweetspot

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



36.1174, 0.4807, 0.3968



79.4546, 0.3486, 0.3503



24.9184, 0.3978, 0.2312



16.4523, 0.3545, 0.3535



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.



36.1174, 0.4807, 0.3968



37.9272, 0.5251, 0.3986



66.8756, 0.4156, 0.4700



15.3365, 0.3282, 0.3387



14.3420, 0.5661, 0.3887



1.2391, 0.5398, 0.4096

Inverse Universe

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



34.9411, 0.2115, 0.2367



36.1810, 0.1970, 0.2136



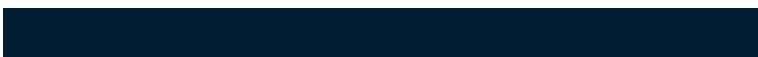
14.5686, 0.1851, 0.1282



15.2906, 0.2981, 0.3191



13.3581, 0.1858, 0.1887



1.1690, 0.1920, 0.2113

Previews

White Background



This preview shows how the Yxy color 36.1155, 0.4807, 0.3968 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 36.1155, 0.4807, 0.3968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

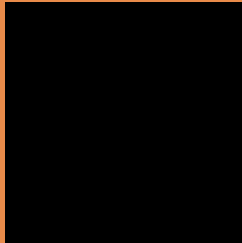
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.1155, 0.4807, 0.3968

Background



This preview shows how black text looks on a background with the Yxy color 36.1155, 0.4807, 0.3968.



This preview shows how white text looks on a background with the Yxy color 36.1155, 0.4807, 0.3968.

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

36.1155, 0.4807, 0.3968

Protanopia

36.5069, 0.4019, 0.4387

Deuteranopia

36.3024, 0.4391, 0.4318



Tritanopia

35.9886, 0.4200, 0.3181

Trichromacy



Original Color

36.1155, 0.4807, 0.3968

Protanomaly

35.8178, 0.4310, 0.4228

Deuteranomaly

35.9469, 0.4548, 0.4188

Tritanomaly

35.9967, 0.4451, 0.3483

Monochromacy



Original Color

36.1155, 0.4807, 0.3968

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.4541, 0.3722, 0.3625

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.1155, 0.4807, 0.3968 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(232, 139, 74)` looks like.

```
.text, #text, p{  
    color:rgb(232, 139, 74)  
}
```

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(232, 139, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 139, 74) }
```

Border

The CSS property to change the border of an element to Yxy 36.1155, 0.4807, 0.3968 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(232, 139, 74) }
```

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

```
.border{ border-color:rgb(232, 139, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 139, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 139, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 139, 74);  
box-shadow:4px 4px 4px 4px rgb(232, 139,  
74) }
```


Background

The CSS property to change the background color of an element to Yxy 36.1155, 0.4807, 0.3968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 139, 74) }
```

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

```
.background{ background-color: rgb(232,  
139, 74) }
```

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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