

Converting Colors

$Yxy(33.2301, 0.4847, 0.3992)$

Have a look what the booklet for
Yxy(33.2301, 0.4847, 0.3992)
contains.

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Color

Yxy(33.0276, 0.4852, 0.3992)

Conversions

Conversions Part 1

Format	Color
Hex	E08543
RGB	224, 133, 67
RGB Percent	88%, 52%, 26%
CMY	0.1215, 0.4784, 0.7374
CMYK	0.00, 0.41, 0.70, 0.12
HSL	25°, 72%, 57%
HSV	25°, 70%, 88%
XYZ	40.1428, 33.0276, 9.5641
YIQ	152.6850, 75.4220, -1.2340

Conversions

Conversions Part 2

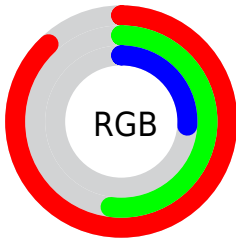
Format	Color
R_{YB}	224, 181, 67
Decimal	14714179
CIE _{Lab}	64.18, 29.52, 49.34
CIE _{LCh}	64, 57.500, 59.107
Yxy	33.0276, 0.4852, 0.3992
Android (android.graphics.Color)	4292904259 (0xFFE08543)
YUV	152.6850, -42.2427, 62.5433
Hunter-Lab	57.4696, 24.1110, 30.3617

Details

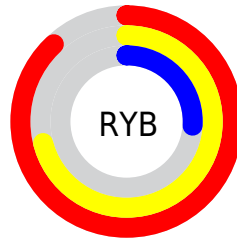
The Yxy color **33.0276, 0.4852, 0.3992** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **31.0202, 0.2088, 0.2314**, and the grayscale version is **31.8733, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.1087, 0.4282, 0.3995**, and **13.8556, 0.5319, 0.4048** is the 20% darker color. If you saturate the color by 10%, you get **29.4728, 0.5158, 0.4008**, and if you desaturate by 10%, it is **37.1291, 0.4538, 0.3933**.

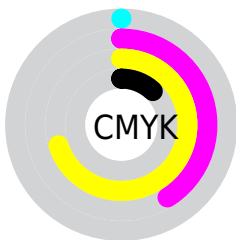
Distribution



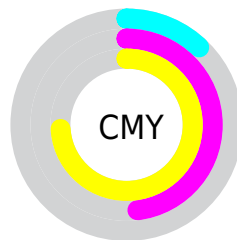
- Red (88%)
- Green (52%)
- Blue (26%)



- Red (88%)
- Yellow (71%)
- Blue (26%)



- Cyan (0%)
- Magenta (41%)
- Yellow (70%)
- Black (12%)




- Cyan (12%)
- Magenta (48%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.0276, 0.4852, 0.3992 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 33.0276, 0.4852, 0.3992 by changing the saturation by 10% instead.


 33.0276, 0.4852,
0.3992


 33.0276, 0.4852,
0.3992


315.7741, 0.3968,
0.3708

 22.1476, 0.5062,
0.4027


 64.4186, 0.4535,
0.3912


 13.9654, 0.5316,
0.4048


 85.6984, 0.4413,
0.3875

 8.0966, 0.5630,
0.4035


 111.2136, 0.4310,
0.3840

 4.1568, 0.6038,
0.3962

 141.3486, 0.4222,
0.3809

 1.7617, 0.6371,
0.3629

 176.4877, 0.4145,
0.3780

 0.4631, 0.7220,
0.2780

217.0154, 0.4079,

 0.0000, 1.0000,

0.3754

0.0000

263.3161, 0.4020,
0.3730

0.0000, 0.0000,
0.0000

33.0276, 0.4852,
0.3992

33.0276, 0.4852,
0.3992

29.4728, 0.5158,
0.4008

37.1291, 0.4538,
0.3933

26.4309, 0.5433,
0.3972

41.7980, 0.4234,
0.3844

23.8886, 0.5659,
0.3889

47.0598, 0.3954,
0.3737

52.9368, 0.3704,
0.3622

59.4498, 0.3484,
0.3507

■ 66.6186, 0.3293,
0.3396

■ 74.4621, 0.3129,
0.3291

■ 82.9984, 0.2988,
0.3193

■ 91.3391, 0.2939,
0.3237

Harmonies

Analogous

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



33.0276, 0.4791, 0.3355



33.0276, 0.4852, 0.3992



33.0276, 0.4404, 0.4598

Triad

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



33.0276, 0.4852, 0.3992



33.0276, 0.2103, 0.3819



33.0276, 0.2420, 0.2016

Complementary

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



33.0276, 0.4852, 0.3992



31.0202, 0.2088, 0.2314

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.



33.0276, 0.1874, 0.1987



33.0276, 0.4852, 0.3992



33.0276, 0.1702, 0.2869

Square

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



33.0276, 0.4852, 0.3992



33.0276, 0.2813, 0.4698



33.0276, 0.1635, 0.2248



33.0276, 0.3250, 0.2291

Rectangle

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



33.0276, 0.4852, 0.3992



33.0276, 0.3925, 0.4885



33.0276, 0.1635, 0.2248



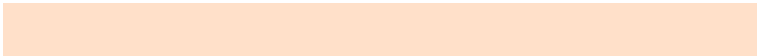
33.0276, 0.2203, 0.1977

Sweetspot

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



33.0293, 0.4852, 0.3992



78.7918, 0.3506, 0.3519



22.3479, 0.4052, 0.2323



16.3314, 0.3565, 0.3551



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.



33.0293, 0.4852, 0.3992



37.6158, 0.5287, 0.3999



62.8041, 0.4158, 0.4745



14.6430, 0.3282, 0.3389



14.1197, 0.5632, 0.3910



1.1529, 0.5359, 0.4127

Inverse Universe

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



31.0202, 0.2088, 0.2314



34.5732, 0.1945, 0.2076



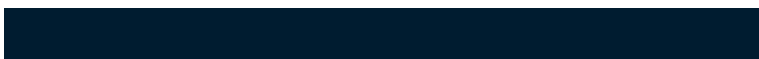
12.3199, 0.1812, 0.1197



14.5561, 0.2981, 0.3189



12.6286, 0.1849, 0.1856



1.0513, 0.1916, 0.2099

Previews

White Background



This preview shows how the Yxy color 33.0276, 0.4852, 0.3992 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 33.0276, 0.4852, 0.3992 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 33.0276, 0.4852, 0.3992

Background



This preview shows how black text looks on a background with the Yxy color 33.0276, 0.4852, 0.3992.



This preview shows how white text looks on a background with the Yxy color 33.0276, 0.4852, 0.3992.

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

33.0276, 0.4852, 0.3992

Protanopia

33.1556, 0.4059, 0.4433

Deuteranopia

33.0080, 0.4437, 0.4341



Tritanopia

32.9105, 0.4219, 0.3177

Trichromacy



Original Color

33.0276, 0.4852, 0.3992

Protanomaly

32.8412, 0.4355, 0.4274

Deuteranomaly

32.9942, 0.4591, 0.4217

Tritanomaly

32.8950, 0.4491, 0.3500

Monochromacy



Original Color

33.0276, 0.4852, 0.3992

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.5466, 0.3734, 0.3638

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.0276, 0.4852, 0.3992 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(224, 133, 67)` looks like.

```
.text, #text, p{  
    color:rgb(224, 133, 67)  
}
```

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(224, 133, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 133, 67) }
```

Border

The CSS property to change the border of an element to Yxy 33.0276, 0.4852, 0.3992 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(224, 133, 67) }
```

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

```
.border{ border-color:rgb(224, 133, 67) }
```

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

Here you see how a box with a 4 pixel rgb(224, 133, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 133, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 133, 67);  
box-shadow:4px 4px 4px 4px rgb(224, 133,  
67) }
```


Background

The CSS property to change the background color of an element to Yxy 33.0276, 0.4852, 0.3992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 133, 67) }
```

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

```
.background{ background-color: rgb(224,  
133, 67) }
```

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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