

Converting Colors

$Yxy(28.5364, 0.5243, 0.3780)$

Have a look what the booklet for
Yxy(28.5364, 0.5243, 0.3780)
contains.

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Color

Yxy(28.6132, 0.5236, 0.3781)

Conversions

Conversions Part 1

Format	Color
Hex	E86E3A
RGB	232, 110, 58
RGB Percent	91%, 43%, 23%
CMY	0.0901, 0.5687, 0.7725
CMYK	0.00, 0.53, 0.75, 0.09
HSL	18°, 79%, 57%
HSV	18°, 75%, 91%
XYZ	39.6241, 28.6132, 7.4390
YIQ	140.5500, 89.4040, 9.6920

Conversions

Conversions Part 2

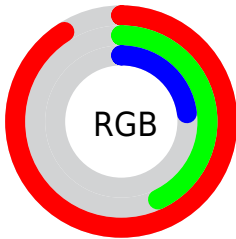
Format	Color
R_{YB}	232, 132, 58
Decimal	15232570
CIE _{Lab}	60.44, 44.04, 50.03
CIE _{LCh}	60, 66.652, 48.643
Yxy	28.6132, 0.5236, 0.3781
Android (android.graphics.Color)	4293422650 (0xFFE86E3A)
YUV	140.5500, -40.6971, 80.2017
Hunter-Lab	53.4913, 38.6155, 29.1985

Details

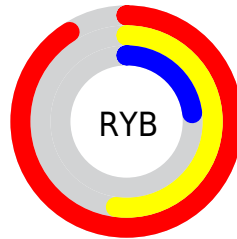
The Yxy color **28.6132, 0.5236, 0.3781** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed orange. A complement of this color would be **39.3881, 0.2116, 0.2553**, and the grayscale version is **26.5869, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.8936, 0.4515, 0.3858**, and **11.5853, 0.5816, 0.3718** is the 20% darker color. If you saturate the color by 10%, you get **25.2351, 0.5584, 0.3752**, and if you desaturate by 10%, it is **32.7455, 0.4862, 0.3767**.

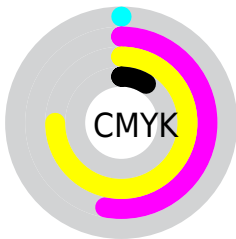
Distribution



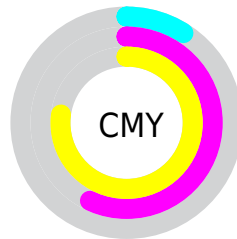
- Red (91%)
- Green (43%)
- Blue (23%)



- Red (91%)
- Yellow (52%)
- Blue (23%)



- Cyan (0%)
- Magenta (53%)
- Yellow (75%)
- Black (9%)





- Cyan (9%)
- Magenta (57%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.6132, 0.5236, 0.3781 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 28.6132, 0.5236, 0.3781 by changing the saturation by 10% instead.


 28.6132, 0.5236,
0.3781


 28.6132, 0.5236,
0.3781


295.3855, 0.4134,
0.3637


 18.7884, 0.5500,
0.3767


 57.4620, 0.4838,
0.3763


 11.5175, 0.5819,
0.3717


 77.2547, 0.4686,
0.3745


 6.4160, 0.6270,
0.3633


 101.1389, 0.4558,
0.3726

 3.0997, 0.6661,
0.3339

 129.4990, 0.4448,
0.3706

 1.1840, 0.7170,
0.2830

 162.7193, 0.4353,
0.3688

 0.0486, 0.9596,
0.0404

 201.1842, 0.4270,

 0.0000, 1.0000,

0.3670

0.0000

245.2782, 0.4198,
0.3653

0.0000, 0.0000,
0.0000

28.6132, 0.5236,
0.3781

28.6132, 0.5236,
0.3781

25.2351, 0.5584,
0.3752

32.7455, 0.4862,
0.3767

22.5555, 0.5871,
0.3675


37.6725, 0.4497,
0.3719


21.4534, 0.5989,
0.3626


43.4372, 0.4161,
0.3649


50.0778, 0.3864,
0.3570

57.6300, 0.3608,
0.3486

 66.1276, 0.3390,
0.3405

 75.6025, 0.3207,
0.3327

 86.0850, 0.3054,
0.3255

 95.8995, 0.2988,
0.3290

Harmonies

Analogous

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



28.6132, 0.4949, 0.3077



28.6132, 0.5236, 0.3781



28.6132, 0.4839, 0.4529

Triad

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



28.6132, 0.5236, 0.3781



28.6132, 0.2143, 0.4377



28.6132, 0.2023, 0.1763

Complementary

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



28.6132, 0.5236, 0.3781



39.3881, 0.2116, 0.2553

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.



28.6132, 0.1534, 0.1823



28.6132, 0.5236, 0.3781



28.6132, 0.1564, 0.3116

Square

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



28.6132, 0.5236, 0.3781



28.6132, 0.3050, 0.5259



28.6132, 0.1380, 0.2234



28.6132, 0.2883, 0.1985

Rectangle

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



28.6132, 0.5236, 0.3781



28.6132, 0.4327, 0.4994



28.6132, 0.1380, 0.2234



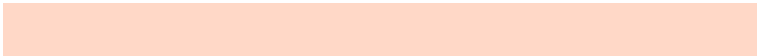
28.6132, 0.1820, 0.1750

Sweetspot

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



28.6148, 0.5236, 0.3781



74.3151, 0.3541, 0.3462



23.5941, 0.3805, 0.2073



15.3164, 0.3604, 0.3485



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.



28.6148, 0.5236, 0.3781



29.3470, 0.5751, 0.3715



56.1913, 0.4391, 0.4619



15.0662, 0.3285, 0.3361



12.0996, 0.5961, 0.3649



1.0521, 0.5673, 0.3877

Inverse Universe

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



39.3881, 0.2116, 0.2553



42.7399, 0.2009, 0.2377



15.0412, 0.1801, 0.1323



15.5713, 0.2981, 0.3218



17.9478, 0.1969, 0.2289



1.4867, 0.2015, 0.2452

Previews

White Background



This preview shows how the Yxy color 28.6132, 0.5236, 0.3781 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6132, 0.5236, 0.3781 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 × Fail

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

Yxy 28.6132, 0.5236, 0.3781

Background



This preview shows how black text looks on a background with the Yxy color 28.6132, 0.5236, 0.3781.



This preview shows how white text looks on a background with the Yxy color 28.6132, 0.5236, 0.3781.

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

28.6132, 0.5236, 0.3781

Protanopia

28.6688, 0.4058, 0.4431

Deuteranopia

28.7628, 0.4505, 0.4417



Tritanopia

28.5408, 0.4710, 0.3220

Trichromacy



Original Color

28.6132, 0.5236, 0.3781

Protanomaly

27.7215, 0.4498, 0.4179

Deuteranomaly

28.1129, 0.4797, 0.4156

Tritanomaly

28.4044, 0.4929, 0.3441

Monochromacy



Original Color

28.6132, 0.5236, 0.3781

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.1116, 0.3877, 0.3577

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.6132, 0.5236, 0.3781 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, 110, 58)` looks like.

```
.text, #text, p{  
    color:rgb(232, 110, 58)  
}
```

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, 110, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 110, 58) }
```

Border

The CSS property to change the border of an element to Yxy 28.6132, 0.5236, 0.3781 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, 110, 58) }
```

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

```
.border{ border-color:rgb(232, 110, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 110, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 110, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 110, 58);  
box-shadow:4px 4px 4px 4px rgb(232, 110,  
58) }
```


Background

The CSS property to change the background color of an element to Yxy 28.6132, 0.5236, 0.3781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 110, 58) }
```

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

```
.background{ background-color: rgb(232,  
110, 58) }
```

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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