

Converting Colors

$Yxy(28.7847, 0.5123, 0.3665)$

Have a look what the booklet for
Yxy(28.7847, 0.5123, 0.3665)
contains.

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Color

Yxy(28.7288, 0.5125, 0.3658)

Conversions

Conversions Part 1

Format	Color
Hex	E96D48
RGB	233, 109, 72
RGB Percent	91%, 43%, 28%
CMY	0.0862, 0.5726, 0.7176
CMYK	0.00, 0.53, 0.69, 0.09
HSL	14°, 79%, 60%
HSV	14°, 69%, 91%
XYZ	40.2502, 28.7288, 9.5579
YIQ	141.8580, 85.7810, 14.7810

Conversions

Conversions Part 2

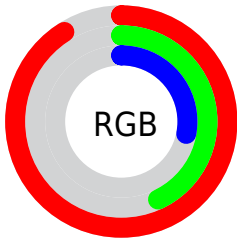
Format	Color
R_{YB}	233, 120, 72
Decimal	15297864
CIE _{Lab}	60.54, 45.55, 43.08
CIE _{LCh}	61, 62.700, 43.403
Yxy	28.7288, 0.5125, 0.3658
Android (android.graphics.Color)	4293487944 (0xFFE96D48)
YUV	141.8580, -34.4400, 79.9315
Hunter-Lab	53.5993, 40.2452, 26.9467

Details

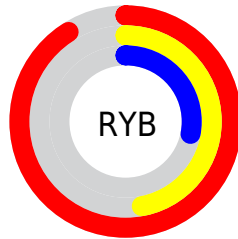
The Yxy color **28.7288, 0.5125, 0.3658** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **46.7725, 0.2209, 0.2782**, and the grayscale version is **27.1044, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.8595, 0.4399, 0.3715**, and **11.5565, 0.5723, 0.3598** is the 20% darker color. If you saturate the color by 10%, you get **25.0352, 0.5522, 0.3647**, and if you desaturate by 10%, it is **33.3230, 0.4722, 0.3636**.

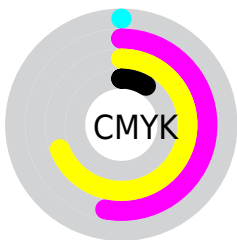
Distribution



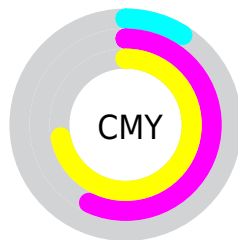
- Red (91%)
- Green (43%)
- Blue (28%)



- Red (91%)
- Yellow (47%)
- Blue (28%)



- Cyan (0%)
- Magenta (53%)
- Yellow (69%)
- Black (9%)




- Cyan (9%)
- Magenta (57%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.7288, 0.5125, 0.3658 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 28.7288, 0.5125, 0.3658 by changing the saturation by 10% instead.


 28.7288, 0.5125,
0.3658


 28.7288, 0.5125,
0.3658


295.9332, 0.4066,
0.3557

 18.8758, 0.5390,
0.3644


 57.6459, 0.4735,
0.3648


 11.5805, 0.5720,
0.3599


 77.4788, 0.4589,
0.3635

 6.4587, 0.6141,
0.3497


 101.4071, 0.4466,
0.3622

 3.1260, 0.6707,
0.3293

 129.8151, 0.4362,
0.3608

 1.1979, 0.7221,
0.2779

 163.0874, 0.4272,
0.3594

 0.0600, 0.9529,
0.0471

201.6082, 0.4194,

 0.0000, 1.0000,

0.3581

0.0000

245.7620, 0.4126,
0.3568

■ 0.0000, 0.0000,
0.0000

■ 28.7288, 0.5125,
0.3658

■ 28.7288, 0.5125,
0.3658

■ 25.0352, 0.5522,
0.3647

■ 33.3230, 0.4722,
0.3636

■ 22.1757, 0.5867,
0.3596

■ 38.8685, 0.4344,
0.3590

■ 20.0773, 0.6122,
0.3512

■ 45.4180, 0.4010,
0.3532


■ 19.9202, 0.6142,
0.3505


■ 53.0184, 0.3723,
0.3468

■ 61.7139, 0.3481,
0.3404

 71.5461, 0.3280,
0.3343

 82.5542, 0.3113,
0.3285

 94.5521, 0.2994,
0.3266

 96.0684, 0.2994,
0.3290

Harmonies

Analogous

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



28.7288, 0.4722, 0.2987



28.7288, 0.5125, 0.3658



28.7288, 0.4864, 0.4367

Triad

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



28.7288, 0.5125, 0.3658



28.7288, 0.2339, 0.4498



28.7288, 0.1972, 0.1823

Complementary

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



28.7288, 0.5125, 0.3658



46.7725, 0.2209, 0.2782

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.



28.7288, 0.1558, 0.1938



28.7288, 0.5125, 0.3658



28.7288, 0.1713, 0.3328

Square

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



28.7288, 0.5125, 0.3658



28.7288, 0.3236, 0.5180



28.7288, 0.1467, 0.2410



28.7288, 0.2734, 0.1990

Rectangle

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



28.7288, 0.5125, 0.3658



28.7288, 0.4423, 0.4815



28.7288, 0.1467, 0.2410



28.7288, 0.1796, 0.1828

Sweetspot

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



28.7304, 0.5125, 0.3658



73.4618, 0.3526, 0.3417



26.0496, 0.3596, 0.2030



15.0772, 0.3591, 0.3435



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.



28.7304, 0.5125, 0.3658



29.0808, 0.5680, 0.3630



53.5112, 0.4393, 0.4465



15.6151, 0.3287, 0.3345



11.4550, 0.6117, 0.3525



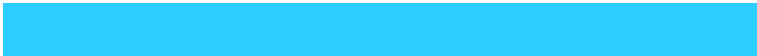
1.0420, 0.5852, 0.3736

Inverse Universe

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



46.7725, 0.2209, 0.2782



52.0817, 0.2106, 0.2660



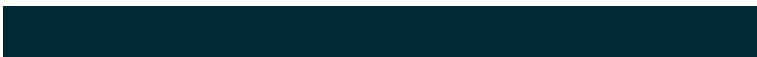
20.1354, 0.1926, 0.1628



16.5014, 0.2981, 0.3235



21.9444, 0.2037, 0.2533



1.8658, 0.2069, 0.2650

Previews

White Background



This preview shows how the Yxy color 28.7288, 0.5125, 0.3658 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 28.7288, 0.5125, 0.3658 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 28.7288, 0.5125, 0.3658

Background



This preview shows how black text looks on a background with the Yxy color 28.7288, 0.5125, 0.3658.



This preview shows how white text looks on a background with the Yxy color 28.7288, 0.5125, 0.3658.

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

28.7288, 0.5125, 0.3658

Protanopia

29.1004, 0.3898, 0.4238

Deuteranopia

28.6706, 0.4371, 0.4285



Tritanopia

28.7105, 0.4720, 0.3220

Trichromacy



Original Color

28.7288, 0.5125, 0.3658

Protanomaly

27.9190, 0.4356, 0.4010

Deuteranomaly

28.1351, 0.4661, 0.4025

Tritanomaly

28.6636, 0.4877, 0.3389

Monochromacy



Original Color

28.7288, 0.5125, 0.3658

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.3636, 0.3817, 0.3486

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.7288, 0.5125, 0.3658 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(233, 109, 72)` looks like.

```
.text, #text, p{  
    color:rgb(233, 109, 72)  
}
```

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(233, 109, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 109, 72) }
```

Border

The CSS property to change the border of an element to Yxy 28.7288, 0.5125, 0.3658 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(233, 109, 72) }
```

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

```
.border{ border-color:rgb(233, 109, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 109, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 109, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 109, 72);  
box-shadow:4px 4px 4px 4px rgb(233, 109,  
72) }
```


Background

The CSS property to change the background color of an element to Yxy 28.7288, 0.5125, 0.3658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 109, 72) }
```

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

```
.background{ background-color: rgb(233,  
109, 72) }
```

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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