

Converting Colors

$Y_{xy}(29.3605, 0.5023, 0.3577)$

Have a look what the booklet for
Yxy(29.3605, 0.5023, 0.3577)
contains.

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Color

Yxy(29.4232, 0.5028, 0.3577)

Conversions

Conversions Part 1

Format	Color
Hex	EB6E52
RGB	235, 110, 82
RGB Percent	92%, 43%, 32%
CMY	0.0784, 0.5686, 0.6786
CMYK	0.00, 0.53, 0.65, 0.08
HSL	11°, 79%, 62%
HSV	11°, 65%, 92%
XYZ	41.3586, 29.4232, 11.4748
YIQ	144.1830, 83.4880, 17.7920

Conversions

Conversions Part 2

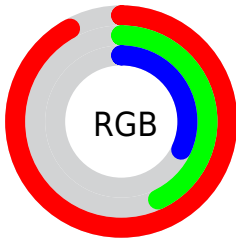
Format	Color
R_{YB}	235, 116, 82
Decimal	15429202
CIE _{Lab}	61.15, 46.33, 38.55
CIE _{LCh}	61, 60.275, 39.764
Yxy	29.4232, 0.5028, 0.3577
Android (android.graphics.Color)	4293619282 (0xFFEB6E52)
YUV	144.1830, -30.6562, 79.6465
Hunter-Lab	54.2432, 41.1749, 25.4278

Details

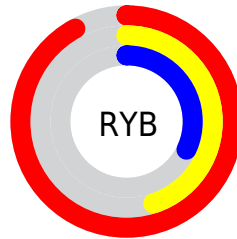
The Yxy color **29.4232, 0.5028, 0.3577** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **52.3933, 0.2269, 0.2915**, and the grayscale version is **28.0685, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.4769, 0.4301, 0.3626**, and **11.9379, 0.5605, 0.3519** is the 20% darker color. If you saturate the color by 10%, you get **25.4232, 0.5451, 0.3575**, and if you desaturate by 10%, it is **34.4458, 0.4612, 0.3553**.

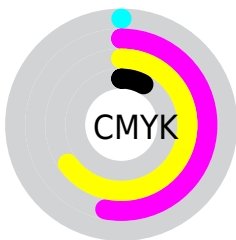
Distribution



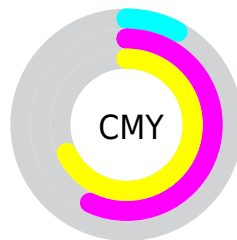
- Red (92%)
- Green (43%)
- Blue (32%)



- Red (92%)
- Yellow (45%)
- Blue (32%)



- Cyan (0%)
- Magenta (53%)
- Yellow (65%)
- Black (8%)




- Cyan (8%)
- Magenta (57%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.4232, 0.5028, 0.3577 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 29.4232, 0.5028, 0.3577 by changing the saturation by 10% instead.


 29.4232, 0.5028,
0.3577

 29.4232, 0.5028,
0.3577


299.2065, 0.4016,
0.3504

 19.4012, 0.5286,
0.3563


 58.7488, 0.4652,
0.3573

 11.9605, 0.5613,
0.3522


 78.8212, 0.4513,
0.3564

 6.7168, 0.6031,
0.3427


 103.0125, 0.4396,
0.3554

 3.2856, 0.6707,
0.3293

 131.7071, 0.4297,
0.3544

 1.2826, 0.7211,
0.2789

 165.2894, 0.4211,
0.3533

 0.1277, 0.9120,
0.0880

204.1438, 0.4137,

 0.0000, 1.0000,

0.3523

0.0000

248.6547, 0.4073,
0.3513

0.0000, 0.0000,
0.0000

29.4232, 0.5028,
0.3577

29.4232, 0.5028,
0.3577

25.4232, 0.5451,
0.3575

34.4458, 0.4612,
0.3553

22.3694, 0.5833,
0.3540

40.5506, 0.4234,
0.3513


20.1819, 0.6122,
0.3473


47.7984, 0.3906,
0.3464


19.3946, 0.6227,
0.3438

56.2440, 0.3629,
0.3412

65.9384, 0.3400,
0.3362

 76.9300, 0.3211,
0.3313

 89.2643, 0.3055,
0.3269

 96.4020, 0.3005,
0.3290

Harmonies

Analogous

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



29.4232, 0.4560, 0.2930



29.4232, 0.5028, 0.3577



29.4232, 0.4859, 0.4260

Triad

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



29.4232, 0.5028, 0.3577



29.4232, 0.2474, 0.4553



29.4232, 0.1950, 0.1874

Complementary

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



29.4232, 0.5028, 0.3577



52.3933, 0.2269, 0.2915

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.



29.4232, 0.1586, 0.2027



29.4232, 0.5028, 0.3577



29.4232, 0.1825, 0.3465

Square

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



29.4232, 0.5028, 0.3577



29.4232, 0.3354, 0.5107



29.4232, 0.1537, 0.2537



29.4232, 0.2647, 0.2004

Rectangle

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



29.4232, 0.5028, 0.3577



29.4232, 0.4471, 0.4693



29.4232, 0.1537, 0.2537



29.4232, 0.1793, 0.1891

Sweetspot

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



29.4248, 0.5028, 0.3577



73.3826, 0.3508, 0.3387



28.3192, 0.3472, 0.2013



15.0146, 0.3575, 0.3401



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.



29.4248, 0.5028, 0.3577



29.2967, 0.5581, 0.3567



52.5465, 0.4381, 0.4350



15.5005, 0.3288, 0.3334



10.9275, 0.6204, 0.3456



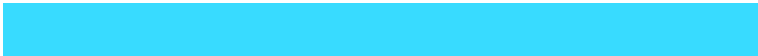
0.9849, 0.5953, 0.3656

Inverse Universe

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



52.3933, 0.2269, 0.2915



58.4914, 0.2170, 0.2827



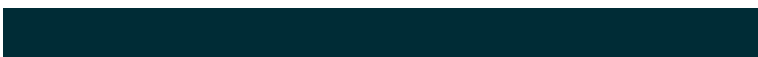
24.5589, 0.2014, 0.1842



16.6251, 0.2981, 0.3246



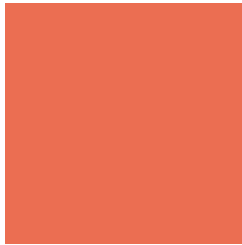
24.4773, 0.2082, 0.2694



2.0439, 0.2107, 0.2785

Previews

White Background



This preview shows how the Yxy color 29.4232, 0.5028, 0.3577 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 29.4232, 0.5028, 0.3577 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 29.4232, 0.5028, 0.3577

Background



This preview shows how black text looks on a background with the Yxy color 29.4232, 0.5028, 0.3577.



This preview shows how white text looks on a background with the Yxy color 29.4232, 0.5028, 0.3577.

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

29.4232, 0.5028, 0.3577

Protanopia

29.6014, 0.3788, 0.4092

Deuteranopia

29.5166, 0.4267, 0.4182



Tritanopia

29.5048, 0.4700, 0.3221

Trichromacy



Original Color

29.4232, 0.5028, 0.3577

Protanomaly

28.4969, 0.4244, 0.3882

Deuteranomaly

28.9328, 0.4556, 0.3941

Tritanomaly

29.3076, 0.4825, 0.3347

Monochromacy



Original Color

29.4232, 0.5028, 0.3577

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.2301, 0.3784, 0.3454

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.4232, 0.5028, 0.3577 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(235, 110, 82)` looks like.

```
.text, #text, p{  
    color:rgb(235, 110, 82)  
}
```

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(235, 110, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 110, 82) }
```

Border

The CSS property to change the border of an element to Yxy 29.4232, 0.5028, 0.3577 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(235, 110, 82) }
```

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

```
.border{ border-color:rgb(235, 110, 82) }
```

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

Here you see how a box with a 4 pixel rgb(235, 110, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 110, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 110, 82);  
box-shadow:4px 4px 4px 4px rgb(235, 110,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 29.4232, 0.5028, 0.3577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 110, 82) }
```

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

```
.background{ background-color: rgb(235,  
110, 82) }
```

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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