

Converting Colors

$Y_{xy}(25.1356, 0.5257, 0.3457)$

Have a look what the booklet for
Yxy(25.1356, 0.5257, 0.3457)
contains.

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Color

Yxy(25.1324, 0.5262, 0.3457)

Conversions

Conversions Part 1

Format	Color
Hex	E85B4A
RGB	232, 91, 74
RGB Percent	91%, 36%, 29%
CMY	0.0902, 0.6431, 0.7098
CMYK	0.00, 0.61, 0.68, 0.09
HSL	6°, 77%, 60%
HSV	6°, 68%, 91%
XYZ	38.2548, 25.1324, 9.3129
YIQ	131.2210, 89.4930, 24.6050

Conversions

Conversions Part 2

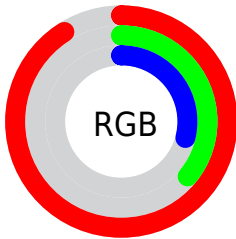
Format	Color
RYB	232, 93, 74
Decimal	15227722
CIELab	57.20, 53.63, 38.09
CIElCh	57, 65.782, 35.388
Yxy	25.1324, 0.5262, 0.3457
Android (android.graphics.Color)	4293417802 (0xFFE85B4A)
YUV	131.2210, -28.2100, 88.3832
Hunter-Lab	50.1322, 48.4779, 24.0785

Details

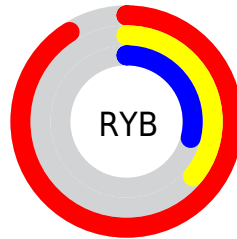
The Yxy color **25.1324, 0.5262, 0.3457** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **55.8725, 0.2284, 0.3062**, and the grayscale version is **22.8608, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.2478, 0.4497, 0.3530**, and **9.7225, 0.5941, 0.3331** is the 20% darker color. If you saturate the color by 10%, you get **21.8117, 0.5699, 0.3445**, and if you desaturate by 10%, it is **29.5472, 0.4811, 0.3450**.

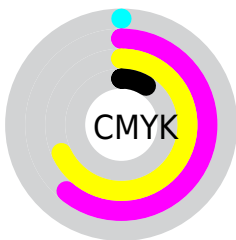
Distribution



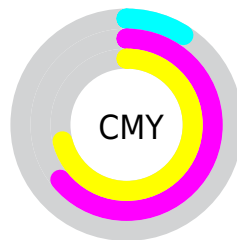
- Red (91%)
- Green (36%)
- Blue (29%)



- Red (91%)
- Yellow (36%)
- Blue (29%)



- Cyan (0%)
- Magenta (61%)
- Yellow (68%)
- Black (9%)




- Cyan (9%)
- Magenta (64%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1324, 0.5262, 0.3457 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 25.1324, 0.5262, 0.3457 by changing the saturation by 10% instead.


 25.1324, 0.5262,
0.3457


 25.1324, 0.5262,
0.3457


278.4967, 0.4102,
0.3462


 16.1757, 0.5563,
0.3414


 51.8719, 0.4827,
0.3487


 9.6486, 0.5945,
0.3330


 70.4236, 0.4666,
0.3489


 5.1666, 0.6447,
0.3175

 92.9423, 0.4533,
0.3488

 2.3453, 0.7118,
0.2882

 119.8126, 0.4419,
0.3484

 0.7975, 0.7757,
0.2243

 151.4188, 0.4323,
0.3479

 0.0000, 1.0000,
0.0000


188.1453, 0.4239,


 0.0000, 0.0000,


0.3473

0.0000

230.3764, 0.4166,
0.3468


 25.1324, 0.5262,
0.3457


 25.1324, 0.5262,
0.3457


 21.8117, 0.5699,
0.3445


 29.5472, 0.4811,
0.3450


 19.4850, 0.6060,
0.3412


 35.1362, 0.4393,
0.3430

 18.0390, 0.6294,
0.3365


 41.9770, 0.4028,
0.3402


 17.8496, 0.6327,
0.3359

 50.1392, 0.3721,
0.3372

 59.6874, 0.3470,
0.3341

 70.6820, 0.3265,
0.3312

 83.1796, 0.3098,
0.3285

 95.8950, 0.2987,
0.3290

Harmonies

Analogous

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



25.1324, 0.4636, 0.2770



25.1324, 0.5262, 0.3457



25.1324, 0.5129, 0.4204

Triad

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



25.1324, 0.5262, 0.3457



25.1324, 0.2494, 0.4930



25.1324, 0.1730, 0.1717

Complementary

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



25.1324, 0.5262, 0.3457



55.8725, 0.2284, 0.3062

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.



25.1324, 0.1389, 0.1920



25.1324, 0.5262, 0.3457



25.1324, 0.1733, 0.3664

Square

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



25.1324, 0.5262, 0.3457



25.1324, 0.3486, 0.5396



25.1324, 0.1378, 0.2534



25.1324, 0.2438, 0.1822

Rectangle

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



25.1324, 0.5262, 0.3457



25.1324, 0.4713, 0.4717



25.1324, 0.1378, 0.2534



25.1324, 0.1579, 0.1747

Sweetspot

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



25.1338, 0.5262, 0.3457



71.4625, 0.3516, 0.3347



27.0203, 0.3368, 0.1890



14.5636, 0.3585, 0.3356



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.



25.1338, 0.5262, 0.3457



25.6415, 0.5868, 0.3434



45.9496, 0.4531, 0.4279



14.6165, 0.3290, 0.3316



9.9976, 0.6310, 0.3372



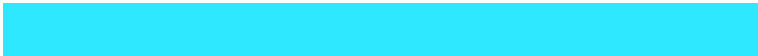
0.8230, 0.6111, 0.3530

Inverse Universe

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



55.8725, 0.2284, 0.3062



65.7833, 0.2202, 0.3008



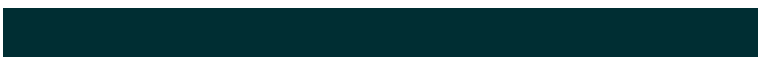
25.2291, 0.2006, 0.1920



16.0572, 0.2982, 0.3264



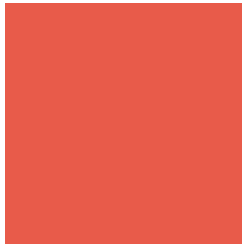
28.1261, 0.2152, 0.2949



2.1548, 0.2168, 0.3003

Previews

White Background



This preview shows how the Yxy color 25.1324, 0.5262, 0.3457 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 25.1324, 0.5262, 0.3457 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 25.1324, 0.5262, 0.3457

Background



This preview shows how black text looks on a background with the Yxy color 25.1324, 0.5262, 0.3457.



This preview shows how white text looks on a background with the Yxy color 25.1324, 0.5262, 0.3457.

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

25.1324, 0.5262, 0.3457

Protanopia

25.4163, 0.3767, 0.4064

Deuteranopia

25.1720, 0.4315, 0.4230



Tritanopia

25.1112, 0.5040, 0.3236

Trichromacy



Original Color

25.1324, 0.5262, 0.3457

Protanomaly

24.0339, 0.4324, 0.3807

Deuteranomaly

24.2579, 0.4702, 0.3891

Tritanomaly

25.1565, 0.5126, 0.3315

Monochromacy



Original Color

25.1324, 0.5262, 0.3457

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

21.9414, 0.3890, 0.3386

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1324, 0.5262, 0.3457 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, 91, 74)` looks like.

```
.text, #text, p{  
    color:rgb(232, 91, 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, 91, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 91, 74) }
```

Border

The CSS property to change the border of an element to Yxy 25.1324, 0.5262, 0.3457 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, 91, 74) }
```

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

```
.border{ border-color:rgb(232, 91, 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, 91, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 91, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 91, 74);  
box-shadow:4px 4px 4px 4px rgb(232, 91,  
74) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1324, 0.5262, 0.3457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 91, 74) }
```

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

```
.background{ background-color: rgb(232, 91,  
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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