

Converting Colors

$Y_{xy}(25.6298, 0.5161, 0.3344)$

Have a look what the booklet for
Yxy(25.6298, 0.5161, 0.3344)
contains.

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Color

Yxy(25.6304, 0.5161, 0.3344)

Conversions

Conversions Part 1

Format	Color
Hex	EB5A55
RGB	235, 90, 85
RGB Percent	92%, 35%, 33%
CMY	0.0784, 0.6470, 0.6666
CMYK	0.00, 0.62, 0.64, 0.08
HSL	2°, 79%, 63%
HSV	2°, 64%, 92%
XYZ	39.5570, 25.6304, 11.4586
YIQ	132.7850, 88.0250, 29.1850

Conversions

Conversions Part 2

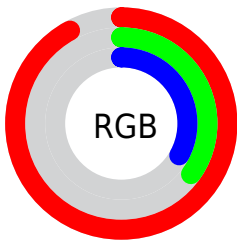
Format	Color
R_{YB}	235, 90, 85
Decimal	15424085
CIE Lab	57.68, 55.70, 32.62
CIE LCh	58, 64.548, 30.353
Yxy	25.6304, 0.5161, 0.3344
Android (android.graphics.Color)	4293614165 (0xFFEB5A55)
YUV	132.7850, -23.5580, 89.6426
Hunter-Lab	50.6265, 50.8745, 22.0191

Details

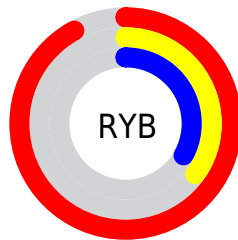
The Yxy color **25.6304, 0.5161, 0.3344** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **64.5235, 0.2350, 0.3224**, and the grayscale version is **23.4382, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.5670, 0.4372, 0.3408**, and **9.9660, 0.5828, 0.3212** is the 20% darker color. If you saturate the color by 10%, you get **22.0536, 0.5629, 0.3342**, and if you desaturate by 10%, it is **30.5047, 0.4694, 0.3340**.

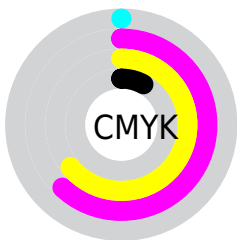
Distribution



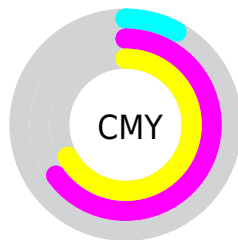
- Red (92%)
- Green (35%)
- Blue (33%)



- Red (92%)
- Yellow (35%)
- Blue (33%)



- Cyan (0%)
- Magenta (62%)
- Yellow (64%)
- Black (8%)





- Cyan (8%)
- Magenta (65%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.6304, 0.5161, 0.3344 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 25.6304, 0.5161, 0.3344 by changing the saturation by 10% instead.


 25.6304, 0.5161,
0.3344


 25.6304, 0.5161,
0.3344


280.9630, 0.4051,
0.3393


 16.5473, 0.5455,
0.3298


 52.6781, 0.4741,
0.3385

 9.9123, 0.5835,
0.3214


 71.4115, 0.4588,
0.3393

 5.3408, 0.6331,
0.3061

 94.1305, 0.4460,
0.3397

 2.4486, 0.7157,
0.2843

 121.2195, 0.4352,
0.3399

 0.8507, 0.7783,
0.2217

 153.0628, 0.4260,
0.3398

 0.0000, 1.0000,
0.0000

190.0449, 0.4181,


 0.0000, 0.0000,

0.3397

0.0000

232.5502, 0.4112,
0.3395


 25.6304, 0.5161,
0.3344


 25.6304, 0.5161,
0.3344


 22.0536, 0.5629,
0.3342


 30.5047, 0.4694,
0.3340


 19.6465, 0.6029,
0.3334


 36.7798, 0.4272,
0.3332

 18.2635, 0.6293,
0.3319

 44.5537, 0.3913,
0.3322


 17.8320, 0.6383,
0.3314

 53.9143, 0.3618,
0.3312

 64.9426, 0.3381,
0.3303

 77.7144, 0.3190,
0.3293

 92.3007, 0.3037,
0.3285

 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.



25.6304, 0.4434, 0.2678



25.6304, 0.5161, 0.3344



25.6304, 0.5157, 0.4071

Triad

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



25.6304, 0.5161, 0.3344



25.6304, 0.2669, 0.5032



25.6304, 0.1677, 0.1758

Complementary

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



25.6304, 0.5161, 0.3344



64.5235, 0.2350, 0.3224

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.



25.6304, 0.1396, 0.2019



25.6304, 0.5161, 0.3344



25.6304, 0.1864, 0.3876

Square

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



25.6304, 0.5161, 0.3344



25.6304, 0.3654, 0.5321



25.6304, 0.1443, 0.2707



25.6304, 0.2311, 0.1813

Rectangle

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



25.6304, 0.5161, 0.3344



25.6304, 0.4807, 0.4574



25.6304, 0.1443, 0.2707



25.6304, 0.1547, 0.1806

Sweetspot

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



25.6318, 0.5161, 0.3344



70.9351, 0.3499, 0.3308



30.0152, 0.3220, 0.1854



14.3882, 0.3570, 0.3310



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.



25.6318, 0.5161, 0.3344



25.3750, 0.5781, 0.3340



44.3367, 0.4536, 0.4112



15.1344, 0.3292, 0.3298



9.9608, 0.6376, 0.3319



0.8106, 0.6309, 0.3372

Inverse Universe

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



64.5235, 0.2350, 0.3224



75.5548, 0.2274, 0.3209



32.2149, 0.2111, 0.2202



17.0307, 0.2981, 0.3282



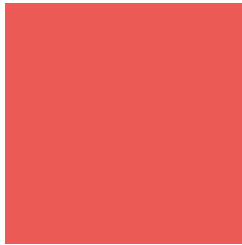
34.0044, 0.2218, 0.3186



2.6972, 0.2223, 0.3201

Previews

White Background



This preview shows how the Yxy color 25.6304, 0.5161, 0.3344 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 25.6304, 0.5161, 0.3344 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 25.6304, 0.5161, 0.3344

Background



This preview shows how black text looks on a background with the Yxy color 25.6304, 0.5161, 0.3344.



This preview shows how white text looks on a background with the Yxy color 25.6304, 0.5161, 0.3344.

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

25.6304, 0.5161, 0.3344

Protanopia

25.8543, 0.3612, 0.3871

Deuteranopia

25.8712, 0.4179, 0.4105



Tritanopia

25.6151, 0.5051, 0.3246

Trichromacy



Original Color

25.6304, 0.5161, 0.3344

Protanomaly

24.2411, 0.4178, 0.3641

Deuteranomaly

24.7860, 0.4569, 0.3763

Tritanomaly

25.5623, 0.5091, 0.3276

Monochromacy



Original Color

25.6304, 0.5161, 0.3344

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

22.5296, 0.3830, 0.3307

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.6304, 0.5161, 0.3344 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, 90, 85)` looks like.

```
.text, #text, p{  
    color:rgb(235, 90, 85)  
}
```

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, 90, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 90, 85) }
```

Border

The CSS property to change the border of an element to Yxy 25.6304, 0.5161, 0.3344 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, 90, 85) }
```

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

```
.border{ border-color:rgb(235, 90, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 90, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 90, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 90, 85);  
box-shadow:4px 4px 4px 4px rgb(235, 90,  
85) }
```


Background

The CSS property to change the background color of an element to Yxy 25.6304, 0.5161, 0.3344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 90, 85) }
```

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

```
.background{ background-color: rgb(235, 90,  
85) }
```

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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