

Converting Colors

$Yxy(24.9227, 0.5009, 0.3296)$

Have a look what the booklet for
Yxy(24.9227, 0.5009, 0.3296)
contains.

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Color

Yxy(25.0676, 0.5015, 0.3306)

Conversions

Conversions Part 1

Format	Color
Hex	E55C5B
RGB	229, 92, 91
RGB Percent	90%, 36%, 36%
CMY	0.1020, 0.6391, 0.6432
CMYK	0.00, 0.60, 0.60, 0.10
HSL	0°, 73%, 63%
HSV	0°, 60%, 90%
XYZ	38.0260, 25.0676, 12.7309
YIQ	132.8490, 81.9730, 28.7330

Conversions

Conversions Part 2

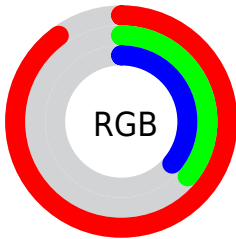
Format	Color
R_{YB}	229, 92, 91
Decimal	15031387
CIE _{Lab}	57.14, 53.16, 28.31
CIE _{LCh}	57, 60.229, 28.034
Yxy	25.0676, 0.5015, 0.3306
Android (android.graphics.Color)	4293221467 (0xFFE55C5B)
YUV	132.8490, -20.6316, 84.3244
Hunter-Lab	50.0676, 47.9515, 19.9713

Details

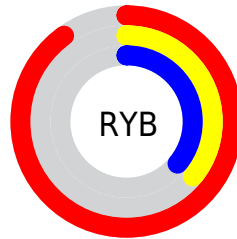
The Yxy color **25.0676, 0.5015, 0.3306** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **63.3496, 0.2388, 0.3275**, and the grayscale version is **23.4540, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.0505, 0.4303, 0.3356**, and **9.5490, 0.5668, 0.3187** is the 20% darker color. If you saturate the color by 10%, you get **21.3667, 0.5495, 0.3307**, and if you desaturate by 10%, it is **30.0728, 0.4553, 0.3304**.

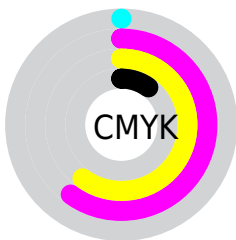
Distribution



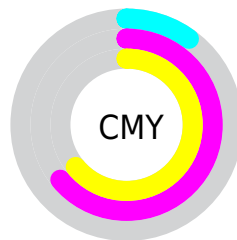
- Red (90%)
- Green (36%)
- Blue (36%)



- Red (90%)
- Yellow (36%)
- Blue (36%)



- Cyan (0%)
- Magenta (60%)
- Yellow (60%)
- Black (10%)



- Cyan (10%)
- Magenta (64%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.0676, 0.5015, 0.3306 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 25.0676, 0.5015, 0.3306 by changing the saturation by 10% instead.


 25.0676, 0.5015,
0.3306


 25.0676, 0.5015,
0.3306


278.1744, 0.3976,
0.3362

 16.1274, 0.5297,
0.3263


 51.7669, 0.4618,
0.3346


 9.6144, 0.5667,
0.3188


 70.2948, 0.4474,
0.3354

 5.1440, 0.6162,
0.3049

 92.7873, 0.4355,
0.3359

 2.3320, 0.7030,
0.2863

 119.6290, 0.4255,
0.3362

 0.7906, 0.7747,
0.2253

151.2041, 0.4170,
0.3363

 0.0000, 1.0000,
0.0000

187.8972, 0.4096,

 0.0000, 0.0000,

0.3363


0.0000


230.0925, 0.4032,
0.3363


 25.0676, 0.5015,
0.3306


 25.0676, 0.5015,
0.3306


 21.3667, 0.5495,
0.3307


 30.0728, 0.4553,
0.3304


 18.8452, 0.5928,
0.3307

 36.4838, 0.4146,
0.3301

 17.3616, 0.6239,
0.3304


 44.3969, 0.3806,
0.3298

 16.6931, 0.6397,
0.3303

 53.8988, 0.3530,
0.3295

 65.0695, 0.3308,
0.3292

 77.9837, 0.3131,
0.3290

 92.7115, 0.2990,
0.3288

 95.3963, 0.2970,
0.3290

Harmonies

Analogous

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



25.0676, 0.4283, 0.2668



25.0676, 0.5015, 0.3306



25.0676, 0.5080, 0.4003

Triad

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



25.0676, 0.5015, 0.3306



25.0676, 0.2777, 0.4967



25.0676, 0.1712, 0.1837

Complementary

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



25.0676, 0.5015, 0.3306



63.3496, 0.2388, 0.3275

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.



25.0676, 0.1465, 0.2123



25.0676, 0.5015, 0.3306



25.0676, 0.1982, 0.3938

Square

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



25.0676, 0.5015, 0.3306



25.0676, 0.3719, 0.5188



25.0676, 0.1541, 0.2821



25.0676, 0.2296, 0.1866

Rectangle

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



25.0676, 0.5015, 0.3306



25.0676, 0.4783, 0.4479



25.0676, 0.1541, 0.2821



25.0676, 0.1594, 0.1894

Sweetspot

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



25.0690, 0.5015, 0.3306



71.6854, 0.3478, 0.3295



29.7944, 0.3193, 0.1895



14.5088, 0.3549, 0.3295



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.



25.0690, 0.5015, 0.3306



26.4536, 0.5596, 0.3307



42.5507, 0.4456, 0.4054



14.3850, 0.3292, 0.3292



9.5529, 0.6395, 0.3304



0.7120, 0.6379, 0.3317

Inverse Universe

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



63.3496, 0.2388, 0.3275



79.2307, 0.2313, 0.3271



33.0197, 0.2171, 0.2311



16.3171, 0.2982, 0.3288



34.7494, 0.2240, 0.3265



2.5738, 0.2241, 0.3269

Previews

White Background



This preview shows how the Yxy color 25.0676, 0.5015, 0.3306 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 25.0676, 0.5015, 0.3306 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 25.0676, 0.5015, 0.3306

Background



This preview shows how black text looks on a background with the Yxy color 25.0676, 0.5015, 0.3306.



This preview shows how white text looks on a background with the Yxy color 25.0676, 0.5015, 0.3306.

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

25.0676, 0.5015, 0.3306

Protanopia

25.1281, 0.3519, 0.3745

Deuteranopia

25.0882, 0.4097, 0.4006



Tritanopia

25.0033, 0.4941, 0.3233

Trichromacy



Original Color

25.0676, 0.5015, 0.3306

Protanomaly

23.8841, 0.4053, 0.3560

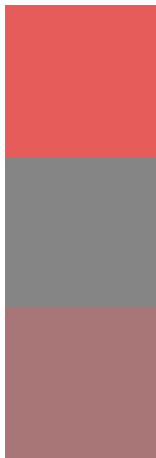
Deuteranomaly

24.3578, 0.4452, 0.3699

Tritanomaly

24.9664, 0.4969, 0.3254

Monochromacy



Original Color

25.0676, 0.5015, 0.3306

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

22.5897, 0.3774, 0.3292

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0676, 0.5015, 0.3306 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(229, 92, 91)` looks like.

```
.text, #text, p{  
    color:rgb(229, 92, 91)  
}
```

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(229, 92, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 92, 91) }
```

Border

The CSS property to change the border of an element to Yxy 25.0676, 0.5015, 0.3306 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(229, 92, 91) }
```

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

```
.border{ border-color:rgb(229, 92, 91) }
```

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

Here you see how a box with a 4 pixel rgb(229, 92, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 92, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 92, 91);  
box-shadow:4px 4px 4px 4px rgb(229, 92,  
91) }
```


Background

The CSS property to change the background color of an element to Yxy 25.0676, 0.5015, 0.3306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 92, 91) }
```

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

```
.background{ background-color: rgb(229, 92,  
91) }
```

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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