

Converting Colors

$Yxy(26.1781, 0.5005, 0.3236)$

Have a look what the booklet for
Yxy(26.1781, 0.5005, 0.3236)
contains.

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Color

Yxy(26.1781, 0.5005, 0.3236)

Conversions

Conversions Part 1

Format	Color
Hex	EC5B61
RGB	236, 91, 97
RGB Percent	93%, 36%, 38%
CMY	0.0745, 0.6431, 0.6196
CMYK	0.00, 0.61, 0.59, 0.07
HSL	358°, 79%, 64%
HSV	358°, 61%, 93%
XYZ	40.4887, 26.1781, 14.2297
YIQ	135.0390, 84.4940, 32.6060

Conversions

Conversions Part 2

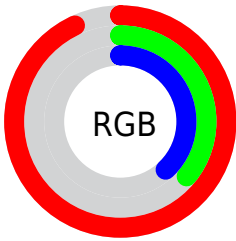
Format	Color
R_{YB}	236, 91, 97
Decimal	15489889
CIE _{Lab}	58.21, 56.36, 26.45
CIE _{LCh}	58, 62.258, 25.137
Yxy	26.1781, 0.5005, 0.3236
Android (android.graphics.Color)	4293679969 (0xFFEC5B61)
YUV	135.0390, -18.7532, 88.5428
Hunter-Lab	51.1645, 51.7167, 19.3257

Details

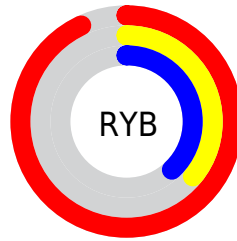
The Yxy color **26.1781, 0.5005, 0.3236** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **67.9233, 0.2406, 0.3364**, and the grayscale version is **24.2938, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.2656, 0.4229, 0.3283**, and **10.2177, 0.5638, 0.3107** is the 20% darker color. If you saturate the color by 10%, you get **22.3950, 0.5477, 0.3239**, and if you desaturate by 10%, it is **31.3525, 0.4551, 0.3240**.

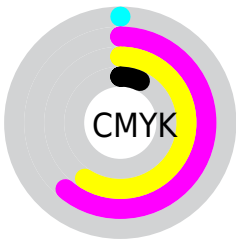
Distribution



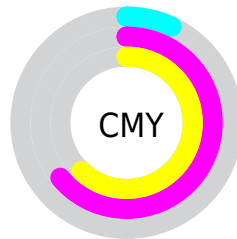
- Red (93%)
- Green (36%)
- Blue (38%)



- Red (93%)
- Yellow (36%)
- Blue (38%)



- Cyan (0%)
- Magenta (61%)
- Yellow (59%)
- Black (7%)





- Cyan (7%)
- Magenta (64%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1781, 0.5005, 0.3236 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 26.1781, 0.5005, 0.3236 by changing the saturation by 10% instead.


 26.1781, 0.5005,
0.3236


 26.1781, 0.5005,
0.3236


283.6553, 0.3977,
0.3325


 16.9569, 0.5283,
0.3187


 53.5621, 0.4614,
0.3287

 10.2038, 0.5646,
0.3107


 72.4938, 0.4472,
0.3300

 5.5343, 0.6134,
0.2966


 95.4310, 0.4354,
0.3309

 2.5640, 0.6887,
0.2743

 122.7583, 0.4254,
0.3315

 0.9086, 0.7764,
0.2236

154.8599, 0.4170,
0.3319

 0.0000, 1.0000,
0.0000


192.1204, 0.4097,


 0.0000, 0.0000,


0.3322


0.0000


234.9240, 0.4033,
0.3324


 26.1781, 0.5005,
0.3236


 26.1781, 0.5005,
0.3236


 22.3950, 0.5477,
0.3239


 31.3525, 0.4551,
0.3240


 19.8649, 0.5907,
0.3250

 38.0308, 0.4151,
0.3247

 18.4287, 0.6220,
0.3269


 46.3188, 0.3816,
0.3257

 17.8525, 0.6369,
0.3282

 56.3119, 0.3543,
0.3268

 68.0978, 0.3324,
0.3279

 81.7584, 0.3149,
0.3289

 96.5711, 0.3011,
0.3290

Harmonies

Analogous

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



26.1781, 0.4205, 0.2600



26.1781, 0.5005, 0.3236



26.1781, 0.5134, 0.3936

Triad

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



26.1781, 0.5005, 0.3236



26.1781, 0.2858, 0.5067



26.1781, 0.1653, 0.1829

Complementary

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



26.1781, 0.5005, 0.3236



67.9233, 0.2406, 0.3364

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.



26.1781, 0.1435, 0.2150



26.1781, 0.5005, 0.3236



26.1781, 0.2026, 0.4069

Square

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



26.1781, 0.5005, 0.3236



26.1781, 0.3813, 0.5197



26.1781, 0.1543, 0.2903



26.1781, 0.2209, 0.1831

Rectangle

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



26.1781, 0.5005, 0.3236



26.1781, 0.4864, 0.4421



26.1781, 0.1543, 0.2903



26.1781, 0.1545, 0.1895

Sweetspot

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



26.1796, 0.5005, 0.3236



71.6130, 0.3464, 0.3272



30.1562, 0.3121, 0.1842



14.4916, 0.3532, 0.3269



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.



26.1796, 0.5005, 0.3236



25.6873, 0.5609, 0.3242



42.4495, 0.4550, 0.3990



15.0641, 0.3286, 0.3281



9.8462, 0.6356, 0.3275



0.7767, 0.6237, 0.3210

Inverse Universe

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



26.1796, 0.5005, 0.3236



25.6873, 0.5609, 0.3242



37.3130, 0.2177, 0.2391



15.0641, 0.3286, 0.3281



9.8462, 0.6356, 0.3275



0.7767, 0.6237, 0.3210

Previews

White Background



This preview shows how the Yxy color 26.1781, 0.5005, 0.3236 looks on a white background.

Color Contrast Check

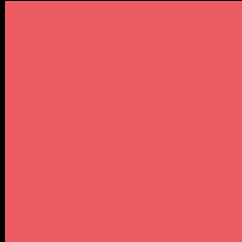
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1781, 0.5005, 0.3236 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 26.1781, 0.5005, 0.3236

Background



This preview shows how black text looks on a background with the Yxy color 26.1781, 0.5005, 0.3236.



This preview shows how white text looks on a background with the Yxy color 26.1781, 0.5005, 0.3236.

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

26.1781, 0.5005, 0.3236

Protanopia

26.3840, 0.3436, 0.3637

Deuteranopia

26.2234, 0.4033, 0.3956



Tritanopia

26.1781, 0.5005, 0.3236

Trichromacy



Original Color

26.1781, 0.5005, 0.3236

Protanomaly

24.7701, 0.3994, 0.3453

Deuteranomaly

25.0846, 0.4405, 0.3629

Tritanomaly

26.1781, 0.5005, 0.3236

Monochromacy



Original Color

26.1781, 0.5005, 0.3236

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

23.3448, 0.3781, 0.3262

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1781, 0.5005, 0.3236 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(236, 91, 97)` looks like.

```
.text, #text, p{  
    color:rgb(236, 91, 97)  
}
```

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(236, 91, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 91, 97) }
```

Border

The CSS property to change the border of an element to Yxy 26.1781, 0.5005, 0.3236 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(236, 91, 97) }
```

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

```
.border{ border-color:rgb(236, 91, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 91, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 91, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 91, 97);  
box-shadow:4px 4px 4px 4px rgb(236, 91,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1781, 0.5005, 0.3236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 91, 97) }
```

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

```
.background{ background-color: rgb(236, 91,  
97) }
```

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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