

Converting Colors

$Y_{xy}(26.2622, 0.5096, 0.3277)$

Have a look what the booklet for
Yxy(26.2622, 0.5096, 0.3277)
contains.

Yxy(26.2622, 0.5096, 0.3277)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.2622, 0.5096, 0.3277)

Conversions

Conversions Part 1

Format	Color
Hex	EE5A5C
RGB	238, 90, 92
RGB Percent	93%, 35%, 36%
CMY	0.0668, 0.6469, 0.6393
CMYK	0.00, 0.62, 0.61, 0.07
HSL	359°, 81%, 64%
HSV	359°, 62%, 93%
XYZ	40.8398, 26.2622, 13.0389
YIQ	134.4800, 87.5660, 31.9980

Conversions

Conversions Part 2

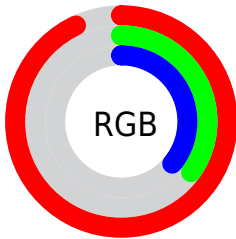
Format	Color
R _Y B	238, 90, 92
Decimal	15620700
CIE Lab	58.29, 57.10, 29.50
CIE LCh	58, 64.273, 27.319
Yxy	26.2622, 0.5096, 0.3277
Android (android.graphics.Color)	4293810780 (0xFFEE5A5C)
YUV	134.4800, -20.9426, 90.7870
Hunter-Lab	51.2467, 52.5698, 20.7872

Details

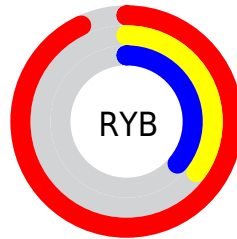
The Yxy color **26.2622, 0.5096, 0.3277** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **69.3643, 0.2384, 0.3312**, and the grayscale version is **24.0856, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.7708, 0.4298, 0.3335**, and **10.3061, 0.5756, 0.3149** is the 20% darker color. If you saturate the color by 10%, you get **22.5204, 0.5573, 0.3279**, and if you desaturate by 10%, it is **31.4188, 0.4628, 0.3277**.

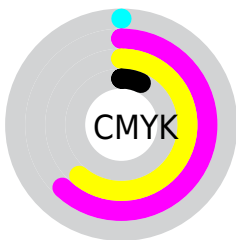
Distribution



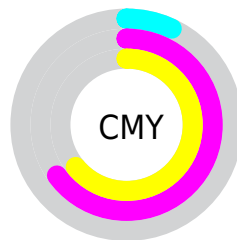
- Red (93%)
- Green (35%)
- Blue (36%)



- Red (93%)
- Yellow (35%)
- Blue (36%)



- Cyan (0%)
- Magenta (62%)
- Yellow (61%)
- Black (7%)





- Cyan (7%)
- Magenta (65%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2622, 0.5096, 0.3277 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 26.2622, 0.5096, 0.3277 by changing the saturation by 10% instead.


 26.2622, 0.5096,
0.3277


 26.2622, 0.5096,
0.3277


284.0668, 0.4022,
0.3353


 17.0199, 0.5383,
0.3228


 53.6976, 0.4689,
0.3325


 10.2487, 0.5755,
0.3145


 72.6596, 0.4541,
0.3337

 5.5641, 0.6248,
0.2998

 95.6301, 0.4417,
0.3344

 2.5819, 0.7060,
0.2787

 122.9938, 0.4313,
0.3349

 0.9176, 0.7782,
0.2218

155.1349, 0.4224,
0.3351

 0.0000, 1.0000,
0.0000

192.4378, 0.4147,

 0.0000, 0.0000,

0.3353

0.0000

235.2870, 0.4081,
0.3353

■ 26.2622, 0.5096,
0.3277

■ 26.2622, 0.5096,
0.3277

■ 22.5204, 0.5573,
0.3279

■ 31.4188, 0.4628,
0.3277

■ 20.0493, 0.5990,
0.3284

■ 38.1071, 0.4211,
0.3278


■ 18.6820, 0.6275,
0.3291


■ 46.4373, 0.3860,
0.3281

■ 18.1787, 0.6391,
0.3294

■ 56.5077, 0.3574,
0.3284

■ 68.4093, 0.3345,
0.3287

 82.2266, 0.3162,
0.3289

 96.9118, 0.3023,
0.3290

Harmonies

Analogous

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



26.2622, 0.4314, 0.2623



26.2622, 0.5096, 0.3277



26.2622, 0.5169, 0.3993

Triad

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



26.2622, 0.5096, 0.3277



26.2622, 0.2773, 0.5083



26.2622, 0.1648, 0.1783

Complementary

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



26.2622, 0.5096, 0.3277



69.3643, 0.2384, 0.3312

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.



26.2622, 0.1401, 0.2080



26.2622, 0.5096, 0.3277



26.2622, 0.1943, 0.4001

Square

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



26.2622, 0.5096, 0.3277



26.2622, 0.3750, 0.5273



26.2622, 0.1483, 0.2813



26.2622, 0.2239, 0.1809

Rectangle

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



26.2622, 0.5096, 0.3277



26.2622, 0.4858, 0.4491



26.2622, 0.1483, 0.2813



26.2622, 0.1529, 0.1842

Sweetspot

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



26.2637, 0.5096, 0.3277



70.1821, 0.3497, 0.3285



31.2386, 0.3170, 0.1850



14.2111, 0.3568, 0.3284



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.



26.2637, 0.5096, 0.3277



25.2952, 0.5713, 0.3281



44.5896, 0.4532, 0.4047



15.7622, 0.3291, 0.3287



10.1463, 0.6387, 0.3292



0.8453, 0.6350, 0.3272

Inverse Universe

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



26.2637, 0.5096, 0.3277



25.2952, 0.5713, 0.3281



35.7909, 0.2150, 0.2306



15.7622, 0.3291, 0.3287



10.1463, 0.6387, 0.3292



0.8453, 0.6350, 0.3272

Previews

White Background



This preview shows how the Yxy color 26.2622, 0.5096, 0.3277 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 26.2622, 0.5096, 0.3277 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 26.2622, 0.5096, 0.3277

Background



This preview shows how black text looks on a background with the Yxy color 26.2622, 0.5096, 0.3277.



This preview shows how white text looks on a background with the Yxy color 26.2622, 0.5096, 0.3277.

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

26.2622, 0.5096, 0.3277

Protanopia

26.3380, 0.3511, 0.3736

Deuteranopia

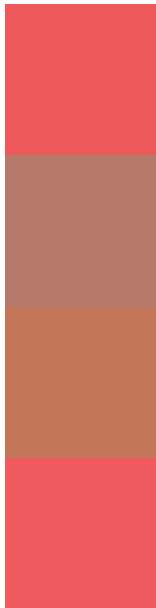
26.2521, 0.4099, 0.4024



Tritanopia

26.3157, 0.5057, 0.3247

Trichromacy



Original Color

26.2622, 0.5096, 0.3277

Protanomaly

24.7627, 0.4083, 0.3539

Deuteranomaly

25.2635, 0.4489, 0.3688

Tritanomaly

26.2976, 0.5070, 0.3257

Monochromacy



Original Color

26.2622, 0.5096, 0.3277

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.0594, 0.3811, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2622, 0.5096, 0.3277 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(238, 90, 92)` looks like.

```
.text, #text, p{  
    color:rgb(238, 90, 92)  
}
```

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(238, 90, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 90, 92) }
```

Border

The CSS property to change the border of an element to Yxy 26.2622, 0.5096, 0.3277 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(238, 90, 92) }
```

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

```
.border{ border-color:rgb(238, 90, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 90, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 90, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 90, 92);  
box-shadow:4px 4px 4px 4px rgb(238, 90,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2622, 0.5096, 0.3277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 90, 92) }
```

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

```
.background{ background-color: rgb(238, 90,  
92) }
```

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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