

Converting Colors

$Yxy(23.5719, 0.5118, 0.3293)$

Have a look what the booklet for
Yxy(23.5719, 0.5118, 0.3293)
contains.

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Color

Yxy(23.4998, 0.5119, 0.3286)

Conversions

Conversions Part 1

Format	Color
Hex	E35556
RGB	227, 85, 86
RGB Percent	89%, 33%, 34%
CMY	0.1098, 0.6667, 0.6628
CMYK	0.00, 0.63, 0.62, 0.11
HSL	360°, 72%, 61%
HSV	360°, 63%, 89%
XYZ	36.6085, 23.4998, 11.4066
YIQ	127.5720, 84.3110, 30.4150

Conversions

Conversions Part 2

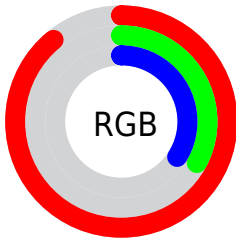
Format	Color
RYB	227, 85, 86
Decimal	14898518
CIELab	55.58, 55.24, 29.14
CIElCh	56, 62.454, 27.810
Yxy	23.4998, 0.5119, 0.3286
Android (android.graphics.Color)	4293088598 (0xFFE35556)
YUV	127.5720, -20.4950, 87.1984
Hunter-Lab	48.4766, 49.9653, 19.9826

Details

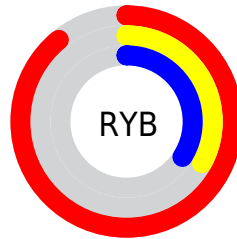
The Yxy color **23.4998, 0.5119, 0.3286** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **62.3671, 0.2379, 0.3301**, and the grayscale version is **21.4809, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.7937, 0.4394, 0.3335**, and **8.7722, 0.5808, 0.3141** is the 20% darker color. If you saturate the color by 10%, you get **20.1742, 0.5595, 0.3288**, and if you desaturate by 10%, it is **28.0887, 0.4649, 0.3285**.

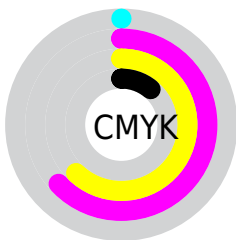
Distribution



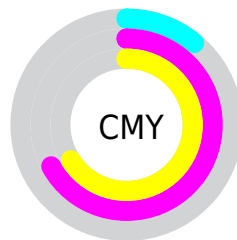
- Red (89%)
- Green (33%)
- Blue (34%)



- Red (89%)
- Yellow (33%)
- Blue (34%)



- Cyan (0%)
- Magenta (63%)
- Yellow (62%)
- Black (11%)





- Cyan (11%)
- Magenta (67%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.4998, 0.5119, 0.3286 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 23.4998, 0.5119, 0.3286 by changing the saturation by 10% instead.


 23.4998, 0.5119,
0.3286


 23.4998, 0.5119,
0.3286


270.2818, 0.4015,
0.3359

 14.9630, 0.5420,
0.3234


 49.2127, 0.4696,
0.3335

 8.7934, 0.5815,
0.3144


 67.1576, 0.4543,
0.3346

 4.6067, 0.6341,
0.2980

 89.0073, 0.4416,
0.3353

 2.0184, 0.7253,
0.2747

 115.1462, 0.4310,
0.3357

 0.6181, 0.8004,
0.1996

 145.9587, 0.4219,
0.3359

 0.0000, 1.0000,
0.0000

181.8292, 0.4142,

 0.0000, 0.0000,

0.3360

0.0000

223.1421, 0.4074,
0.3360

■ 23.4998, 0.5119,
0.3286

■ 23.4998, 0.5119,
0.3286

■ 20.1742, 0.5595,
0.3288

■ 28.0887, 0.4649,
0.3285

■ 17.9824, 0.6008,
0.3291

■ 34.0456, 0.4229,
0.3285

■ 16.7750, 0.6285,
0.3295

■ 41.4690, 0.3874,
0.3286

■ 16.3358, 0.6395,
0.3297

■ 50.4473, 0.3585,
0.3287

■ 61.0617, 0.3353,
0.3288

73.3879, 0.3168,
0.3290

87.4969, 0.3020,
0.3291

95.0724, 0.2958,
0.3290

Harmonies

Analogous

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



23.4998, 0.4341, 0.2628



23.4998, 0.5119, 0.3286



23.4998, 0.5178, 0.4007

Triad

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



23.4998, 0.5119, 0.3286



23.4998, 0.2752, 0.5088



23.4998, 0.1645, 0.1771

Complementary

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



23.4998, 0.5119, 0.3286



62.3671, 0.2379, 0.3301

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.



23.4998, 0.1392, 0.2063



23.4998, 0.5119, 0.3286



23.4998, 0.1923, 0.3985

Square

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



23.4998, 0.5119, 0.3286



23.4998, 0.3736, 0.5293



23.4998, 0.1468, 0.2791



23.4998, 0.2245, 0.1802

Rectangle

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



23.4998, 0.5119, 0.3286



23.4998, 0.4858, 0.4508



23.4998, 0.1468, 0.2791



23.4998, 0.1524, 0.1828

Sweetspot

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



23.5011, 0.5119, 0.3286



70.1673, 0.3500, 0.3288



27.9938, 0.3170, 0.1847



14.2077, 0.3571, 0.3287



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.



23.5011, 0.5119, 0.3286



25.2811, 0.5726, 0.3289



39.9802, 0.4539, 0.4049



14.3696, 0.3291, 0.3289



9.5269, 0.6393, 0.3295



0.7046, 0.6371, 0.3284

Inverse Universe

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



23.5011, 0.5119, 0.3286



25.2811, 0.5726, 0.3289



32.0587, 0.2147, 0.2302



14.3696, 0.3291, 0.3289



9.5269, 0.6393, 0.3295



0.7046, 0.6371, 0.3284

Previews

White Background



This preview shows how the Yxy color 23.4998, 0.5119, 0.3286 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 23.4998, 0.5119, 0.3286 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

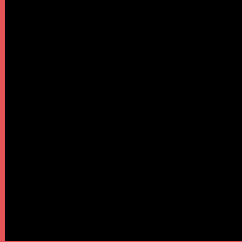
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 23.4998, 0.5119, 0.3286

Background



This preview shows how black text looks on a background with the Yxy color 23.4998, 0.5119, 0.3286.



This preview shows how white text looks on a background with the Yxy color 23.4998, 0.5119, 0.3286.

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

23.4998, 0.5119, 0.3286

Protanopia

23.5664, 0.3530, 0.3757

Deuteranopia

23.6842, 0.4114, 0.4054



Tritanopia

23.4097, 0.5071, 0.3235

Trichromacy



Original Color

23.4998, 0.5119, 0.3286

Protanomaly

22.2759, 0.4100, 0.3550

Deuteranomaly

22.6366, 0.4512, 0.3705

Tritanomaly

23.3928, 0.5085, 0.3245

Monochromacy



Original Color

23.4998, 0.5119, 0.3286

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

20.6731, 0.3817, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.4998, 0.5119, 0.3286 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(227, 85, 86)` looks like.

```
.text, #text, p{  
    color:rgb(227, 85, 86)  
}
```

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(227, 85, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 85, 86) }
```

Border

The CSS property to change the border of an element to Yxy 23.4998, 0.5119, 0.3286 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(227, 85, 86) }
```

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

```
.border{ border-color:rgb(227, 85, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 85, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 85, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 85, 86);  
box-shadow:4px 4px 4px 4px rgb(227, 85,  
86) }
```


Background

The CSS property to change the background color of an element to Yxy 23.4998, 0.5119, 0.3286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 85, 86) }
```

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

```
.background{ background-color: rgb(227, 85,  
86) }
```

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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