

Converting Colors

$Yxy(24.0904, 0.5206, 0.3294)$

Have a look what the booklet for
Yxy(24.0904, 0.5206, 0.3294)
contains.

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Color

Yxy(23.9824, 0.5204, 0.3287)

Conversions

Conversions Part 1

Format	Color
Hex	E85354
RGB	232, 83, 84
RGB Percent	91%, 33%, 33%
CMY	0.0902, 0.6744, 0.6707
CMYK	0.00, 0.64, 0.64, 0.09
HSL	360°, 76%, 62%
HSV	360°, 64%, 91%
XYZ	37.9691, 23.9824, 11.0099
YIQ	127.6650, 88.4830, 31.8990

Conversions

Conversions Part 2

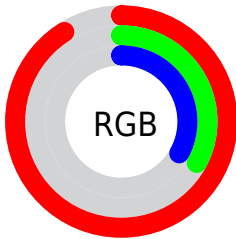
Format	Color
RYB	232, 83, 84
Decimal	15225684
CIELab	56.07, 57.60, 31.08
CIElCh	56, 65.447, 28.355
Yxy	23.9824, 0.5204, 0.3287
Android (android.graphics.Color)	4293415764 (0xFFE85354)
YUV	127.6650, -21.5268, 91.5018
Hunter-Lab	48.9718, 52.6948, 20.9507

Details

The Yxy color **23.9824, 0.5204, 0.3287** 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 **65.3193, 0.2367, 0.3300**, and the grayscale version is **21.5195, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.4465, 0.4421, 0.3345**, and **9.0934, 0.5910, 0.3135** is the 20% darker color. If you saturate the color by 10%, you get **20.7035, 0.5675, 0.3289**, and if you desaturate by 10%, it is **28.5700, 0.4728, 0.3286**.

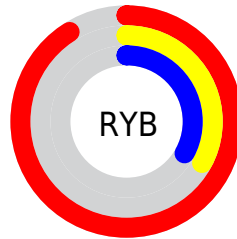
Distribution



Red (91%)

Green (33%)

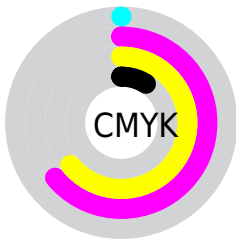
Blue (33%)



Red (91%)

Yellow (33%)

Blue (33%)

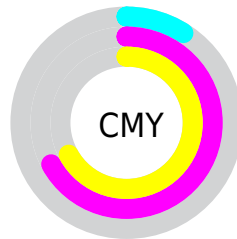


Cyan (0%)

Magenta (64%)

Yellow (64%)

Black (9%)



Cyan (9%)

Magenta (67%)

Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.9824, 0.5204, 0.3287 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 23.9824, 0.5204, 0.3287 by changing the saturation by 10% instead.


 23.9824, 0.5204,
0.3287


 23.9824, 0.5204,
0.3287


272.7315, 0.4059,
0.3367


 15.3206, 0.5512,
0.3231


 50.0015, 0.4768,
0.3341

 9.0447, 0.5912,
0.3135


 68.1275, 0.4609,
0.3353

 4.7703, 0.6437,
0.2961

 90.1771, 0.4478,
0.3360

 2.1131, 0.7299,
0.2701

 116.5345, 0.4367,
0.3365

 0.6720, 0.8012,
0.1988

 147.5843, 0.4273,
0.3367

 0.0000, 1.0000,
0.0000

183.7108, 0.4192,

 0.0000, 0.0000,

0.3368

0.0000

225.2984, 0.4121,
0.3368

■ 23.9824, 0.5204,
0.3287

■ 23.9824, 0.5204,
0.3287

■ 20.7035, 0.5675,
0.3289

■ 28.5700, 0.4728,
0.3286

■ 18.5931, 0.6069,
0.3292

■ 34.5794, 0.4297,
0.3286

■ 17.4870, 0.6317,
0.3296

■ 42.1163, 0.3930,
0.3287

■ 17.1574, 0.6396,
0.3297

■ 51.2753, 0.3630,
0.3287

■ 62.1431, 0.3389,
0.3288

74.8006, 0.3196,
0.3290

89.3233, 0.3042,
0.3291

95.8941, 0.2987,
0.3290

Harmonies

Analogous

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



23.9824, 0.4408, 0.2614



23.9824, 0.5204, 0.3287



23.9824, 0.5240, 0.4025

Triad

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



23.9824, 0.5204, 0.3287



23.9824, 0.2711, 0.5160



23.9824, 0.1607, 0.1722

Complementary

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



23.9824, 0.5204, 0.3287



65.3193, 0.2367, 0.3300

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.



23.9824, 0.1344, 0.2009



23.9824, 0.5204, 0.3287



23.9824, 0.1864, 0.3988

Square

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



23.9824, 0.5204, 0.3287



23.9824, 0.3723, 0.5374



23.9824, 0.1411, 0.2746



23.9824, 0.2228, 0.1761

Rectangle

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



23.9824, 0.5204, 0.3287



23.9824, 0.4894, 0.4544



23.9824, 0.1411, 0.2746



23.9824, 0.1483, 0.1777

Sweetspot

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



23.9838, 0.5204, 0.3287



70.1660, 0.3500, 0.3288



28.7572, 0.3170, 0.1819



14.2074, 0.3571, 0.3288



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.



23.9838, 0.5204, 0.3287



24.6773, 0.5813, 0.3290



41.2295, 0.4588, 0.4063



14.3695, 0.3292, 0.3289



9.5267, 0.6394, 0.3296



0.7045, 0.6374, 0.3285

Inverse Universe

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



23.9838, 0.5204, 0.3287



24.6773, 0.5813, 0.3290



32.8034, 0.2124, 0.2269



14.3695, 0.3292, 0.3289



9.5267, 0.6394, 0.3296



0.7045, 0.6374, 0.3285

Previews

White Background



This preview shows how the Yxy color 23.9824, 0.5204, 0.3287 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 23.9824, 0.5204, 0.3287 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 23.9824, 0.5204, 0.3287

Background



This preview shows how black text looks on a background with the Yxy color 23.9824, 0.5204, 0.3287.



This preview shows how white text looks on a background with the Yxy color 23.9824, 0.5204, 0.3287.

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

23.9824, 0.5204, 0.3287

Protanopia

24.2772, 0.3558, 0.3802

Deuteranopia

24.1148, 0.4162, 0.4102



Tritanopia

23.8785, 0.5171, 0.3248

Trichromacy



Original Color

23.9824, 0.5204, 0.3287

Protanomaly

22.5840, 0.4164, 0.3575

Deuteranomaly

22.9717, 0.4583, 0.3735

Tritanomaly

23.8623, 0.5185, 0.3258

Monochromacy



Original Color

23.9824, 0.5204, 0.3287

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

20.8652, 0.3857, 0.3292

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.9824, 0.5204, 0.3287 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(232, 83, 84)` looks like.

```
.text, #text, p{  
    color:rgb(232, 83, 84)  
}
```

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(232, 83, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 83, 84) }
```

Border

The CSS property to change the border of an element to Yxy 23.9824, 0.5204, 0.3287 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(232, 83, 84) }
```

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

```
.border{ border-color:rgb(232, 83, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 83, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 83, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 83, 84);  
box-shadow:4px 4px 4px 4px rgb(232, 83,  
84) }
```


Background

The CSS property to change the background color of an element to Yxy 23.9824, 0.5204, 0.3287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 83, 84) }
```

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

```
.background{ background-color: rgb(232, 83,  
84) }
```

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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