

Converting Colors

$Yxy(23.8474, 0.5267, 0.3142)$

Have a look what the booklet for
Yxy(23.8474, 0.5267, 0.3142)
contains.

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Color

Yxy(23.8982, 0.5264, 0.3138)

Conversions

Conversions Part 1

Format	Color
Hex	F0485A
RGB	240, 72, 90
RGB Percent	94%, 28%, 35%
CMY	0.0590, 0.7174, 0.6471
CMYK	0.00, 0.70, 0.62, 0.06
HSL	354°, 85%, 61%
HSV	354°, 70%, 94%
XYZ	40.0893, 23.8982, 12.1700
YIQ	124.2840, 94.3500, 41.2140

Conversions

Conversions Part 2

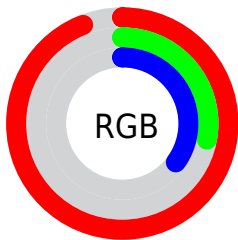
Format	Color
R_{YB}	240, 72, 90
Decimal	15747162
CIE _{Lab}	55.99, 64.69, 27.77
CIE _{LCh}	56, 70.400, 23.235
Yxy	23.8982, 0.5264, 0.3138
Android (android.graphics.Color)	4293937242 (0xFFFF0485A)
YUV	124.2840, -16.9020, 101.4829
Hunter-Lab	48.8858, 60.8306, 19.4600

Details

The Yxy color **23.8982, 0.5264, 0.3138** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle washed red. A complement of this color would be **68.9562, 0.2400, 0.3519**, and the grayscale version is **20.2971, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.3860, 0.4396, 0.3201**, and **9.5366, 0.5909, 0.3029** is the 20% darker color. If you saturate the color by 10%, you get **21.0625, 0.5702, 0.3157**, and if you desaturate by 10%, it is **28.0521, 0.4812, 0.3139**.

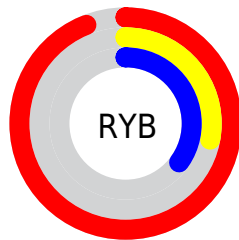
Distribution



Red (94%)

Green (28%)

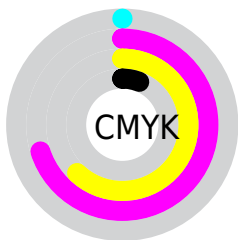
Blue (35%)



Red (94%)

Yellow (28%)

Blue (35%)

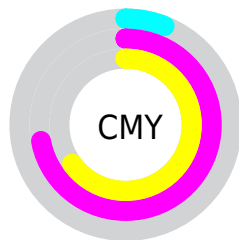


Cyan (0%)

Magenta (70%)

Yellow (62%)

Black (6%)



Cyan (6%)


Magenta (72%)

Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.8982, 0.5264, 0.3138 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 23.8982, 0.5264, 0.3138 by changing the saturation by 10% instead.

 23.8982, 0.5264,
0.3138


 23.8982, 0.5264,
0.3138

272.3054, 0.4085,
0.3295

 15.2581, 0.5582,
0.3065


 49.8640, 0.4814,
0.3219


 9.0007, 0.5997,
0.2948


 67.9586, 0.4651,
0.3242


 4.7417, 0.6545,
0.2753

 89.9734, 0.4516,
0.3258

 2.0965, 0.7509,
0.2491

 116.2929, 0.4402,
0.3270

 0.6627, 0.8231,
0.1769

 147.3014, 0.4305,
0.3279

 0.0000, 1.0000,
0.0000

183.3834, 0.4222,


 0.0000, 0.0000,


0.3286


0.0000


224.9233, 0.4149,
0.3291


 23.8982, 0.5264,
0.3138

 23.8982, 0.5264,
0.3138


 21.0625, 0.5702,
0.3157


 28.0521, 0.4812,
0.3139

 19.3815, 0.6062,
0.3195


 33.6541, 0.4393,
0.3154

 18.5940, 0.6296,
0.3242


 40.8232, 0.4030,
0.3179

 18.5923, 0.6297,
0.3242

 49.6648, 0.3728,
0.3207

 60.2752, 0.3483,
0.3236

 72.7435, 0.3285,
0.3264

 87.1527, 0.3127,
0.3290

 97.2594, 0.3035,
0.3290

Harmonies

Analogous

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



23.8982, 0.4296, 0.2457



23.8982, 0.5264, 0.3138



23.8982, 0.5420, 0.3892

Triad

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



23.8982, 0.5264, 0.3138



23.8982, 0.2838, 0.5451



23.8982, 0.1452, 0.1657

Complementary

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



23.8982, 0.5264, 0.3138



68.9562, 0.2400, 0.3519

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.



23.8982, 0.1236, 0.2015



23.8982, 0.5264, 0.3138



23.8982, 0.1899, 0.4298

Square

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



23.8982, 0.5264, 0.3138



23.8982, 0.3905, 0.5444



23.8982, 0.1359, 0.2884



23.8982, 0.2028, 0.1650

Rectangle

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



23.8982, 0.5264, 0.3138



23.8982, 0.5101, 0.4438



23.8982, 0.1359, 0.2884



23.8982, 0.1343, 0.1731

Sweetspot

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



23.8996, 0.5264, 0.3138



67.7566, 0.3507, 0.3232



26.2060, 0.3001, 0.1650



13.7494, 0.3571, 0.3224



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.



23.8996, 0.5264, 0.3138



23.1985, 0.5870, 0.3171



36.7157, 0.4916, 0.3928



15.7863, 0.3276, 0.3265



10.1901, 0.6274, 0.3230



0.8568, 0.6014, 0.3087

Inverse Universe

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



23.8996, 0.5264, 0.3138



23.1985, 0.5870, 0.3171



38.5638, 0.2109, 0.2403



15.7863, 0.3276, 0.3265



10.1901, 0.6274, 0.3230



0.8568, 0.6014, 0.3087

Previews

White Background



This preview shows how the Yxy color 23.8982, 0.5264, 0.3138 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 23.8982, 0.5264, 0.3138 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 23.8982, 0.5264, 0.3138

Background



This preview shows how black text looks on a background with the Yxy color 23.8982, 0.5264, 0.3138.



This preview shows how white text looks on a background with the Yxy color 23.8982, 0.5264, 0.3138.

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

23.8982, 0.5264, 0.3138

Protanopia

23.9739, 0.3403, 0.3600

Deuteranopia

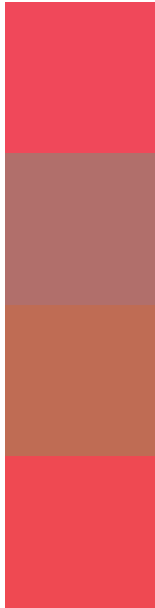
23.8190, 0.4104, 0.4022



Tritanopia

23.7983, 0.5404, 0.3263

Trichromacy



Original Color

23.8982, 0.5264, 0.3138

Protanomaly

21.7775, 0.4074, 0.3352

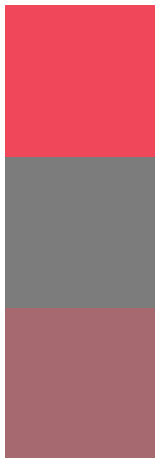
Deuteranomaly

22.4416, 0.4580, 0.3613

Tritanomaly

23.7250, 0.5359, 0.3219

Monochromacy



Original Color

23.8982, 0.5264, 0.3138

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

19.3800, 0.3892, 0.3182

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.8982, 0.5264, 0.3138 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(240, 72, 90)` looks like.

```
.text, #text, p{  
    color:rgb(240, 72, 90)  
}
```

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(240, 72, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 72, 90) }
```

Border

The CSS property to change the border of an element to Yxy 23.8982, 0.5264, 0.3138 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(240, 72, 90) }
```

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

```
.border{ border-color:rgb(240, 72, 90) }
```

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

Here you see how a box with a 4 pixel rgb(240, 72, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 72, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 72, 90);  
box-shadow:4px 4px 4px 4px rgb(240, 72,  
90) }
```


Background

The CSS property to change the background color of an element to Yxy 23.8982, 0.5264, 0.3138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 72, 90) }
```

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

```
.background{ background-color: rgb(240, 72,  
90) }
```

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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