

Converting Colors

$Yxy(24.7061, 0.5217, 0.3134)$

Have a look what the booklet for
Yxy(24.7061, 0.5217, 0.3134)
contains.

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Color

Yxy(24.6997, 0.5219, 0.3136)

Conversions

Conversions Part 1

Format	Color
Hex	F24B5D
RGB	242, 75, 93
RGB Percent	95%, 29%, 36%
CMY	0.0510, 0.7058, 0.6353
CMYK	0.00, 0.69, 0.62, 0.05
HSL	354°, 87%, 62%
HSV	354°, 69%, 95%
XYZ	41.1058, 24.6997, 12.9563
YIQ	126.9850, 93.7540, 41.0020

Conversions

Conversions Part 2

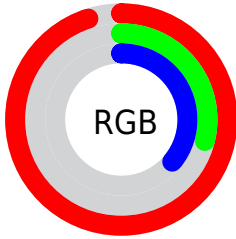
Format	Color
RYB	242, 75, 93
Decimal	15879005
CIELab	56.78, 64.40, 27.11
CIElCh	57, 69.877, 22.832
Yxy	24.6997, 0.5219, 0.3136
Android (android.graphics.Color)	4294069085 (0xFFFF24B5D)
YUV	126.9850, -16.7546, 100.8682
Hunter-Lab	49.6988, 60.6641, 19.3324

Details

The Yxy color **24.6997, 0.5219, 0.3136** 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 **70.3746, 0.2405, 0.3518**, and the grayscale version is **21.2569, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.0182, 0.4352, 0.3190**, and **9.7889, 0.5884, 0.3015** is the 20% darker color. If you saturate the color by 10%, you get **21.6876, 0.5661, 0.3153**, and if you desaturate by 10%, it is **29.0702, 0.4769, 0.3139**.

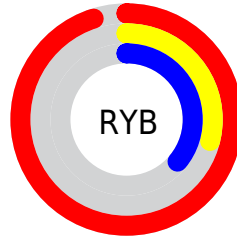
Distribution



Red (95%)

Green (29%)

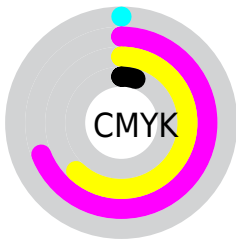
Blue (36%)



Red (95%)

Yellow (29%)

Blue (36%)

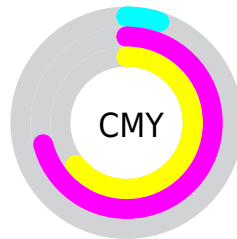


Cyan (0%)

Magenta (69%)

Yellow (62%)

Black (5%)



Cyan (5%)

Magenta (71%)

Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.6997, 0.5219, 0.3136 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 24.6997, 0.5219, 0.3136 by changing the saturation by 10% instead.


 24.6997, 0.5219,
0.3136


 24.6997, 0.5219,
0.3136


276.3391, 0.4069,
0.3290


 15.8535, 0.5529,
0.3066


 51.1696, 0.4781,
0.3214

 9.4205, 0.5932,
0.2955


 69.5621, 0.4622,
0.3236


 5.0165, 0.6467,
0.2770

 91.9055, 0.4490,
0.3253

 2.2569, 0.7352,
0.2507

 118.5841, 0.4379,
0.3265

 0.7508, 0.8132,
0.1868

 149.9824, 0.4284,
0.3274

 0.0000, 1.0000,
0.0000

186.4847, 0.4203,

 0.0000, 0.0000,


0.3280


0.0000


228.4755, 0.4132,
0.3286


 24.6997, 0.5219,
0.3136

 24.6997, 0.5219,
0.3136

 21.6876, 0.5661,
0.3153


 29.0702, 0.4769,
0.3139


 19.8703, 0.6031,
0.3190


 34.9297, 0.4355,
0.3155


 19.0122, 0.6278,
0.3239

 42.3984, 0.3998,
0.3180


 18.9492, 0.6296,
0.3242

 51.5828, 0.3702,
0.3209

 62.5805, 0.3461,
0.3238

 75.4816, 0.3268,
0.3266

 90.3703, 0.3113,
0.3293

 97.6144, 0.3047,
0.3290

Harmonies

Analogous

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



24.6997, 0.4259, 0.2462



24.6997, 0.5219, 0.3136



24.6997, 0.5390, 0.3883

Triad

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



24.6997, 0.5219, 0.3136



24.6997, 0.2863, 0.5414



24.6997, 0.1468, 0.1681

Complementary

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



24.6997, 0.5219, 0.3136



70.3746, 0.2405, 0.3518

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.



24.6997, 0.1259, 0.2044



24.6997, 0.5219, 0.3136



24.6997, 0.1931, 0.4298

Square

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



24.6997, 0.5219, 0.3136



24.6997, 0.3917, 0.5405



24.6997, 0.1389, 0.2911



24.6997, 0.2034, 0.1669

Rectangle

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



24.6997, 0.5219, 0.3136



24.6997, 0.5086, 0.4421



24.6997, 0.1389, 0.2911



24.6997, 0.1362, 0.1757

Sweetspot

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



24.7011, 0.5219, 0.3136



67.7588, 0.3507, 0.3232



27.0559, 0.3004, 0.1665



13.7499, 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.



24.7011, 0.5219, 0.3136



23.4082, 0.5830, 0.3166



37.8568, 0.4885, 0.3924



15.7865, 0.3276, 0.3265



10.1907, 0.6272, 0.3229



0.8569, 0.6012, 0.3085

Inverse Universe

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



24.7011, 0.5219, 0.3136



23.4082, 0.5830, 0.3166



39.7420, 0.2119, 0.2417



15.7865, 0.3276, 0.3265



10.1907, 0.6272, 0.3229



0.8569, 0.6012, 0.3085

Previews

White Background



This preview shows how the Yxy color 24.6997, 0.5219, 0.3136 looks on a white background.

Color Contrast Check

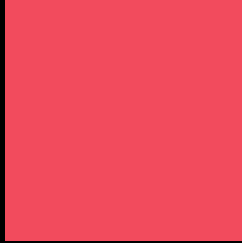
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.6997, 0.5219, 0.3136 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 24.6997, 0.5219, 0.3136

Background



This preview shows how black text looks on a background with the Yxy color 24.6997, 0.5219, 0.3136.



This preview shows how white text looks on a background with the Yxy color 24.6997, 0.5219, 0.3136.

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

24.6997, 0.5219, 0.3136

Protanopia

24.7799, 0.3388, 0.3579

Deuteranopia

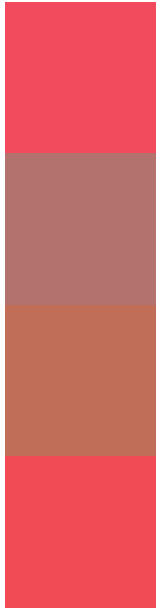
24.6205, 0.4069, 0.3985



Tritanopia

24.6026, 0.5359, 0.3262

Trichromacy



Original Color

24.6997, 0.5219, 0.3136

Protanomaly

22.7441, 0.4041, 0.3351

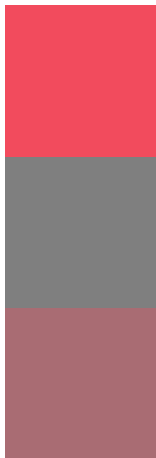
Deuteranomaly

23.1939, 0.4534, 0.3586

Tritanomaly

24.5255, 0.5314, 0.3218

Monochromacy



Original Color

24.6997, 0.5219, 0.3136

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

20.3979, 0.3874, 0.3184

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.6997, 0.5219, 0.3136 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(242, 75, 93)` looks like.

```
.text, #text, p{  
    color:rgb(242, 75, 93)  
}
```

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(242, 75, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 75, 93) }
```

Border

The CSS property to change the border of an element to Yxy 24.6997, 0.5219, 0.3136 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(242, 75, 93) }
```

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

```
.border{ border-color:rgb(242, 75, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 75, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 75, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 75, 93);  
box-shadow:4px 4px 4px 4px rgb(242, 75,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 24.6997, 0.5219, 0.3136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 75, 93) }
```

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

```
.background{ background-color: rgb(242, 75,  
93) }
```

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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