

Converting Colors

Yxy(24.3946, 0.5461, 0.3005)

Have a look what the booklet for
Yxy(24.3946, 0.5461, 0.3005)
contains.

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Color

Yxy(24.4004, 0.5459, 0.3003)

Conversions

Conversions Part 1

Format	Color
Hex	FF335C
RGB	255, 51, 92
RGB Percent	100%, 20%, 36%
CMY	0.0000, 0.7999, 0.6392
CMYK	0.00, 0.80, 0.64, 0.00
HSL	348°, 100%, 60%
HSV	348°, 80%, 100%
XYZ	44.3562, 24.4004, 12.4968
YIQ	116.6700, 108.4230, 55.9990

Conversions

Conversions Part 2

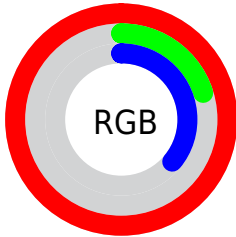
Format	Color
RYB	255, 51, 92
Decimal	16724828
CIELab	56.49, 75.39, 27.78
CIElCh	56, 80.345, 20.230
Yxy	24.4004, 0.5459, 0.3003
Android (android.graphics.Color)	4294914908 (0xFFFF335C)
YUV	116.6700, -12.1623, 121.3154
Hunter-Lab	49.3968, 73.8412, 19.5781

Details

The Yxy color **24.4004, 0.5459, 0.3003** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **77.0799, 0.2436, 0.3811**, and the grayscale version is **17.6970, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.9356, 0.4441, 0.3041**, and **11.1524, 0.5943, 0.3047** is the 20% darker color. If you saturate the color by 10%, you get **22.4404, 0.5830, 0.3060**, and if you desaturate by 10%, it is **27.6782, 0.5044, 0.2983**.

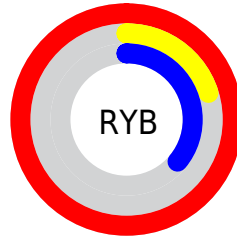
Distribution



Red (100%)

Green (20%)

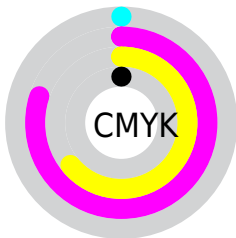
Blue (36%)



Red (100%)

Yellow (20%)

Blue (36%)

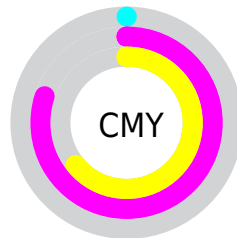


Cyan (0%)

Magenta (80%)

Yellow (64%)

Black (0%)



Cyan (0%)

Magenta (80%)

Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.4004, 0.5459, 0.3003 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 24.4004, 0.5459, 0.3003 by changing the saturation by 10% instead.


 24.4004, 0.5459,
0.3003


 24.4004, 0.5459,
0.3003


274.8386, 0.4183,
0.3239


 15.6309, 0.5797,
0.2909


 50.6828, 0.4977,
0.3114


 9.2634, 0.6231,
0.2766


 68.9645, 0.4800,
0.3148


 4.9134, 0.6796,
0.2542

 91.1857, 0.4653,
0.3174

 2.1965, 0.7723,
0.2232

 117.7309, 0.4530,
0.3193

 0.7181, 0.8442,
0.1558

 148.9844, 0.4424,
0.3209

 0.0000, 1.0000,
0.0000

185.3305, 0.4333,

 0.0000, 0.0000,

0.3221

0.0000

227.1538, 0.4253,
0.3231

■ 24.4004, 0.5459,
0.3003

■ 24.4004, 0.5459,
0.3003

■ 22.4404, 0.5830,
0.3060

■ 27.6782, 0.5044,
0.2983

■ 21.5015, 0.6113,
0.3141

■ 32.4520, 0.4633,
0.2994

■ 21.5011, 0.6113,
0.3141

■ 38.8759, 0.4258,
0.3029

■ 47.0836, 0.3936,
0.3077

■ 57.1952, 0.3667,
0.3131

■ 69.3204, 0.3448,
0.3186

■ 83.5603, 0.3270,
0.3240

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



24.4004, 0.4296, 0.2295



24.4004, 0.5459, 0.3003



24.4004, 0.5681, 0.3785

Triad

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



24.4004, 0.5459, 0.3003



24.4004, 0.2866, 0.5837



24.4004, 0.1264, 0.1520

Complementary

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



24.4004, 0.5459, 0.3003



77.0799, 0.2436, 0.3811

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.



24.4004, 0.1069, 0.1928



24.4004, 0.5459, 0.3003



24.4004, 0.1826, 0.4618

Square

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



24.4004, 0.5459, 0.3003



24.4004, 0.4023, 0.5597



24.4004, 0.1220, 0.2938



24.4004, 0.1828, 0.1489

Rectangle

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



24.4004, 0.5459, 0.3003



24.4004, 0.5336, 0.4371



24.4004, 0.1220, 0.2938



24.4004, 0.1162, 0.1606

Sweetspot

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



24.4015, 0.5459, 0.3003



64.2155, 0.3530, 0.3164



23.4086, 0.2771, 0.1409



12.8327, 0.3610, 0.3145



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.



24.4015, 0.5459, 0.3003



21.8012, 0.6010, 0.3109



32.3958, 0.5462, 0.3742



18.0467, 0.3263, 0.3242



11.2515, 0.6077, 0.3122



1.1102, 0.5779, 0.2957

Inverse Universe

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



24.4015, 0.5459, 0.3003



21.8012, 0.6010, 0.3109



47.9493, 0.2084, 0.2535



18.0467, 0.3263, 0.3242



11.2515, 0.6077, 0.3122



1.1102, 0.5779, 0.2957

Previews

White Background



This preview shows how the Yxy color 24.4004, 0.5459, 0.3003 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 24.4004, 0.5459, 0.3003 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 24.4004, 0.5459, 0.3003

Background



This preview shows how black text looks on a background with the Yxy color 24.4004, 0.5459, 0.3003.



This preview shows how white text looks on a background with the Yxy color 24.4004, 0.5459, 0.3003.

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

24.4004, 0.5459, 0.3003

Protanopia

24.4357, 0.3269, 0.3427

Deuteranopia

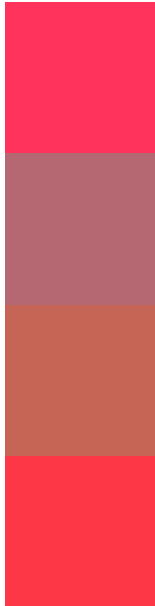
24.5738, 0.4102, 0.4028



Tritanopia

24.4127, 0.5822, 0.3292

Trichromacy



Original Color

24.4004, 0.5459, 0.3003

Protanomaly

21.0606, 0.4078, 0.3149

Deuteranomaly

21.9850, 0.4695, 0.3485

Tritanomaly

24.2581, 0.5708, 0.3192

Monochromacy



Original Color

24.4004, 0.5459, 0.3003

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

17.1269, 0.4029, 0.3059

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.4004, 0.5459, 0.3003 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(255, 51, 92)` looks like.

```
.text, #text, p{  
    color:rgb(255, 51, 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(255, 51, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 51, 92) }
```

Border

The CSS property to change the border of an element to Yxy 24.4004, 0.5459, 0.3003 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(255, 51, 92) }
```

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

```
.border{ border-color:rgb(255, 51, 92) }
```

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

Here you see how a box with a 4 pixel rgb(255, 51, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 51, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 51, 92);  
box-shadow:4px 4px 4px 4px rgb(255, 51,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 24.4004, 0.5459, 0.3003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 51, 92) }
```

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

```
.background{ background-color: rgb(255, 51,  
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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