

Converting Colors

$Yxy(24.6801, 0.5672, 0.3256)$

Have a look what the booklet for
Yxy(24.6801, 0.5672, 0.3256)
contains.

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Color

Yxy(24.6801, 0.5672, 0.3256)

Conversions

Conversions Part 1

Format	Color
Hex	FC3F45
RGB	252, 63, 69
RGB Percent	99%, 25%, 27%
CMY	0.0118, 0.7528, 0.7295
CMYK	0.00, 0.75, 0.73, 0.01
HSL	358°, 97%, 62%
HSV	358°, 75%, 99%
XYZ	42.9931, 24.6801, 8.1256
YIQ	120.1950, 110.7180, 41.9340

Conversions

Conversions Part 2

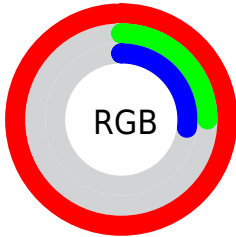
Format	Color
R_{YB}	252, 63, 69
Decimal	16531269
CIE _{Lab}	56.76, 70.19, 41.25
CIE _{LCh}	57, 81.409, 30.443
Yxy	24.6801, 0.5672, 0.3256
Android (android.graphics.Color)	4294721349 (0xFFFC3F45)
YUV	120.1950, -25.2391, 115.5930
Hunter-Lab	49.6791, 67.5385, 25.0777

Details

The Yxy color **24.6801, 0.5672, 0.3256** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **77.3271, 0.2325, 0.3360**, and the grayscale version is **18.9087, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.2352, 0.4684, 0.3364**, and **10.6350, 0.6228, 0.3205** is the 20% darker color. If you saturate the color by 10%, you get **22.2552, 0.6063, 0.3268**, and if you desaturate by 10%, it is **28.5084, 0.5205, 0.3251**.

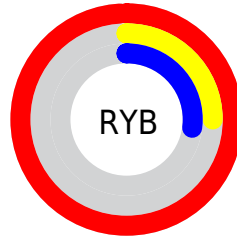
Distribution



Red (99%)

Green (25%)

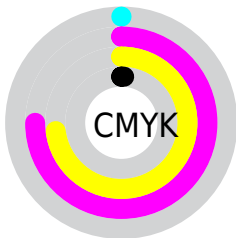
Blue (27%)



Red (99%)

Yellow (25%)

Blue (27%)

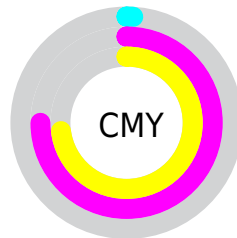


Cyan (0%)

Magenta (75%)

Yellow (73%)

Black (1%)



Cyan (1%)


Magenta (75%)


Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.6801, 0.5672, 0.3256 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 24.6801, 0.5672, 0.3256 by changing the saturation by 10% instead.


 24.6801, 0.5672,
0.3256


 24.6801, 0.5672,
0.3256


276.2410, 0.4302,
0.3400


 15.8389, 0.6015,
0.3168


 51.1378, 0.5166,
0.3346

 9.4102, 0.6439,
0.3023


 69.5230, 0.4976,
0.3368


 5.0097, 0.7008,
0.2801

 91.8584, 0.4818,
0.3382

 2.2530, 0.7613,
0.2387

 118.5283, 0.4683,
0.3391

 0.7486, 0.8288,
0.1712

 149.9171, 0.4567,
0.3396

 0.0000, 1.0000,
0.0000

186.4093, 0.4467,

 0.0000, 0.0000,

0.3399

0.0000

228.3891, 0.4379,
0.3400

■ 24.6801, 0.5672,
0.3256

■ 24.6801, 0.5672,
0.3256

■ 22.2552, 0.6063,
0.3268

■ 28.5084, 0.5205,
0.3251

■ 21.0230, 0.6311,
0.3283


■ 33.9034, 0.4733,
0.3251

■ 20.7105, 0.6378,
0.3287


■ 41.0110, 0.4304,
0.3256

■ 49.9589, 0.3940,
0.3263

■ 60.8630, 0.3641,
0.3271

 73.8295, 0.3400,
0.3279

 88.9571, 0.3208,
0.3286

 99.4332, 0.3109,
0.3290

Harmonies

Analogous

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



24.6801, 0.4782, 0.2518



24.6801, 0.5672, 0.3256



24.6801, 0.5559, 0.4075

Triad

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



24.6801, 0.5672, 0.3256



24.6801, 0.2473, 0.5608



24.6801, 0.1398, 0.1462

Complementary

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



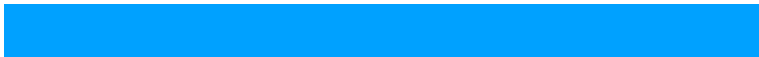
24.6801, 0.5672, 0.3256



77.3271, 0.2325, 0.3360

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.



24.6801, 0.1087, 0.1724



24.6801, 0.5672, 0.3256



24.6801, 0.1549, 0.4014

Square

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



24.6801, 0.5672, 0.3256



24.6801, 0.3629, 0.5829



24.6801, 0.1112, 0.2500



24.6801, 0.2116, 0.1537

Rectangle

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



24.6801, 0.5672, 0.3256



24.6801, 0.5065, 0.4696



24.6801, 0.1112, 0.2500



24.6801, 0.1255, 0.1507

Sweetspot

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



24.6816, 0.5672, 0.3256



66.2622, 0.3564, 0.3273



30.1231, 0.3141, 0.1653



13.4517, 0.3634, 0.3271



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.



24.6816, 0.5672, 0.3256



22.0851, 0.6209, 0.3275



43.2543, 0.4933, 0.4092



17.2341, 0.3289, 0.3283



10.7935, 0.6368, 0.3282



1.0027, 0.6289, 0.3238

Inverse Universe

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



24.6816, 0.5672, 0.3256



22.0851, 0.6209, 0.3275



34.5684, 0.1998, 0.2102



17.2341, 0.3289, 0.3283



10.7935, 0.6368, 0.3282



1.0027, 0.6289, 0.3238

Previews

White Background



This preview shows how the Yxy color 24.6801, 0.5672, 0.3256 looks on a white background.

Color Contrast Check

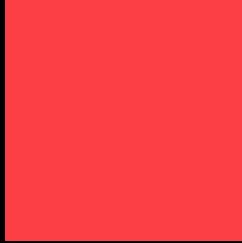
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.6801, 0.5672, 0.3256 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 24.6801, 0.5672, 0.3256

Background



This preview shows how black text looks on a background with the Yxy color 24.6801, 0.5672, 0.3256.



This preview shows how white text looks on a background with the Yxy color 24.6801, 0.5672, 0.3256.

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

24.6801, 0.5672, 0.3256

Protanopia

24.7124, 0.3722, 0.3993

Deuteranopia

24.6957, 0.4393, 0.4325



Tritanopia

24.7556, 0.5699, 0.3284

Trichromacy



Original Color

24.6801, 0.5672, 0.3256

Protanomaly

22.0323, 0.4500, 0.3624

Deuteranomaly

22.7871, 0.4959, 0.3824

Tritanomaly

24.7675, 0.5688, 0.3277

Monochromacy



Original Color

24.6801, 0.5672, 0.3256

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

18.1881, 0.4118, 0.3262

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.6801, 0.5672, 0.3256 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(252, 63, 69)` looks like.

```
.text, #text, p{  
    color:rgb(252, 63, 69)  
}
```

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(252, 63, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 63, 69) }
```

Border

The CSS property to change the border of an element to Yxy 24.6801, 0.5672, 0.3256 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(252, 63, 69) }
```

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

```
.border{ border-color:rgb(252, 63, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 63, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 63, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 63, 69);  
box-shadow:4px 4px 4px 4px rgb(252, 63,  
69) }
```


Background

The CSS property to change the background color of an element to Yxy 24.6801, 0.5672, 0.3256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 63, 69) }
```

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

```
.background{ background-color: rgb(252, 63,  
69) }
```

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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