

Converting Colors

$Yxy(24.0973, 0.5729, 0.3168)$

Have a look what the booklet for
Yxy(24.0973, 0.5729, 0.3168)
contains.

Yxy(24.0826, 0.5735, 0.3171)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.0826, 0.5735, 0.3171)

Conversions

Conversions Part 1

Format	Color
Hex	FF3347
RGB	255, 51, 71
RGB Percent	100%, 20%, 28%
CMY	0.0001, 0.7998, 0.7217
CMYK	0.00, 0.80, 0.72, 0.00
HSL	354°, 100%, 60%
HSV	354°, 80%, 100%
XYZ	43.5553, 24.0826, 8.3085
YIQ	114.2760, 115.1640, 49.4680

Conversions

Conversions Part 2

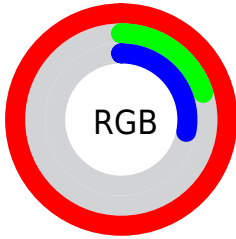
Format	Color
R_{YB}	255, 51, 71
Decimal	16724807
CIE Lab	56.17, 74.40, 39.60
CIE LCh	56, 84.285, 28.024
Yxy	24.0826, 0.5735, 0.3171
Android (android.graphics.Color)	4294914887 (0xFFFF3347)
YUV	114.2760, -21.3351, 123.4149
Hunter-Lab	49.0740, 72.5467, 24.3137

Details

The Yxy color **24.0826, 0.5735, 0.3171** 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 **78.2157, 0.2355, 0.3534**, and the grayscale version is **16.9623, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.3386, 0.4711, 0.3265**, and **11.0263, 0.6213, 0.3196** is the 20% darker color. If you saturate the color by 10%, you get **22.1891, 0.6090, 0.3208**, and if you desaturate by 10%, it is **27.3107, 0.5296, 0.3153**.

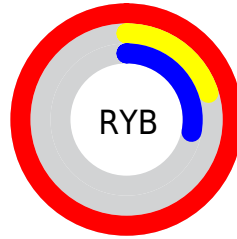
Distribution



Red (100%)

Green (20%)

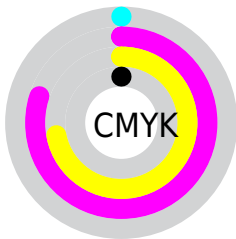
Blue (28%)



Red (100%)

Yellow (20%)

Blue (28%)

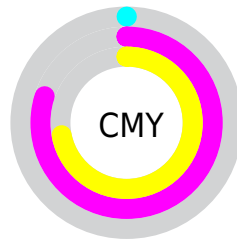


Cyan (0%)

Magenta (80%)

Yellow (72%)

Black (0%)



Cyan (0%)

Magenta (80%)


Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.0826, 0.5735, 0.3171 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 24.0826, 0.5735, 0.3171 by changing the saturation by 10% instead.


 24.0826, 0.5735,
0.3171


 24.0826, 0.5735,
0.3171


273.2378, 0.4326,
0.3360


 15.3949, 0.6090,
0.3072


 50.1650, 0.5213,
0.3277


 9.0970, 0.6529,
0.2914


 68.3284, 0.5018,
0.3305


 4.8045, 0.7112,
0.2673

 90.4192, 0.4855,
0.3325

 2.1330, 0.7752,
0.2248

 116.8218, 0.4716,
0.3338

 0.6831, 0.8453,
0.1547

 147.9206, 0.4598,
0.3347

 0.0000, 1.0000,
0.0000


184.0999, 0.4495,

 0.0000, 0.0000,


0.3353


0.0000


225.7442, 0.4405,
0.3357


 24.0826, 0.5735,
0.3171


 24.0826, 0.5735,
0.3171


 22.1891, 0.6090,
0.3208


 27.3107, 0.5296,
0.3153


 21.3278, 0.6313,
0.3252

 32.0549, 0.4839,
0.3153

 21.3260, 0.6314,
0.3252

 38.4729, 0.4413,
0.3166

 46.7016, 0.4044,
0.3188

 56.8638, 0.3737,
0.3214

 69.0714, 0.3488,
0.3240

 83.4279, 0.3287,
0.3266

99.9963, 0.3127,
0.3290

Harmonies

Analogous

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



24.0826, 0.4737, 0.2429



24.0826, 0.5735, 0.3171



24.0826, 0.5673, 0.3992

Triad

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



24.0826, 0.5735, 0.3171



24.0826, 0.2522, 0.5809



24.0826, 0.1309, 0.1417

Complementary

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



24.0826, 0.5735, 0.3171



78.2157, 0.2355, 0.3534

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.



24.0826, 0.1021, 0.1710



24.0826, 0.5735, 0.3171



24.0826, 0.1547, 0.4197

Square

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



24.0826, 0.5735, 0.3171



24.0826, 0.3711, 0.5874



24.0826, 0.1070, 0.2556



24.0826, 0.2001, 0.1470

Rectangle

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



24.0826, 0.5735, 0.3171



24.0826, 0.5181, 0.4626



24.0826, 0.1070, 0.2556



24.0826, 0.1174, 0.1470

Sweetspot

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



24.0841, 0.5735, 0.3171



63.9142, 0.3582, 0.3230



27.1843, 0.3005, 0.1531



12.7623, 0.3672, 0.3220



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.



24.0841, 0.5735, 0.3171



21.5975, 0.6240, 0.3236



38.1700, 0.5215, 0.3968



18.0159, 0.3279, 0.3267



11.1547, 0.6292, 0.3240



1.0953, 0.6083, 0.3125

Inverse Universe

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



24.0841, 0.5735, 0.3171



21.5975, 0.6240, 0.3236



37.9703, 0.1996, 0.2201



18.0159, 0.3279, 0.3267



11.1547, 0.6292, 0.3240



1.0953, 0.6083, 0.3125

Previews

White Background



This preview shows how the Yxy color 24.0826, 0.5735, 0.3171 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 24.0826, 0.5735, 0.3171 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 24.0826, 0.5735, 0.3171

Background



This preview shows how black text looks on a background with the Yxy color 24.0826, 0.5735, 0.3171.



This preview shows how white text looks on a background with the Yxy color 24.0826, 0.5735, 0.3171.

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

24.0826, 0.5735, 0.3171

Protanopia

24.2485, 0.3636, 0.3903

Deuteranopia

23.9696, 0.4374, 0.4289



Tritanopia

23.9850, 0.5886, 0.3292

Trichromacy



Original Color

24.0826, 0.5735, 0.3171

Protanomaly

20.9362, 0.4477, 0.3502

Deuteranomaly

21.6153, 0.5004, 0.3729

Tritanomaly

23.9540, 0.5832, 0.3250

Monochromacy



Original Color

24.0826, 0.5735, 0.3171

Achromatopsia

16.8269, 0.3127, 0.3290

Achromatomaly

16.3633, 0.4175, 0.3183

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.0826, 0.5735, 0.3171 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, 71)` looks like.

```
.text, #text, p{  
    color:rgb(255, 51, 71)  
}
```

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, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 51, 71) }
```

Border

The CSS property to change the border of an element to Yxy 24.0826, 0.5735, 0.3171 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, 71) }
```

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

```
.border{ border-color:rgb(255, 51, 71) }
```

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, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 51, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 51, 71);  
box-shadow:4px 4px 4px 4px rgb(255, 51,  
71) }
```


Background

The CSS property to change the background color of an element to Yxy 24.0826, 0.5735, 0.3171 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, 71) }
```

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

```
.background{ background-color: rgb(255, 51,  
71) }
```

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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