

Converting Colors

$Yxy(26.3066, 0.5600, 0.3297)$

Have a look what the booklet for
Yxy(26.3066, 0.5600, 0.3297)
contains.

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Color

Yxy(26.3626, 0.5594, 0.3297)

Conversions

Conversions Part 1

Format	Color
Hex	FF4848
RGB	255, 72, 72
RGB Percent	100%, 28%, 28%
CMY	0.0000, 0.7176, 0.7175
CMYK	0.00, 0.72, 0.72, 0.00
HSL	360°, 100%, 64%
HSV	360°, 72%, 100%
XYZ	44.7293, 26.3626, 8.8675
YIQ	126.7170, 109.0680, 38.7960

Conversions

Conversions Part 2

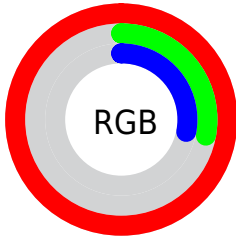
Format	Color
R_{YB}	255, 72, 72
Decimal	16730184
CIE _{Lab}	58.38, 68.31, 41.55
CIE _{LCh}	58, 79.956, 31.309
Yxy	26.3626, 0.5594, 0.3297
Android (android.graphics.Color)	4294920264 (0xFFFF4848)
YUV	126.7170, -26.9755, 112.5042
Hunter-Lab	51.3445, 65.6490, 25.7014

Details

The Yxy color **26.3626, 0.5594, 0.3297** 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 **80.1158, 0.2318, 0.3288**, and the grayscale version is **21.1888, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.1430, 0.4606, 0.3406**, and **11.0263, 0.6213, 0.3196** is the 20% darker color. If you saturate the color by 10%, you get **23.4550, 0.6010, 0.3298**, and if you desaturate by 10%, it is **30.7755, 0.5113, 0.3296**.

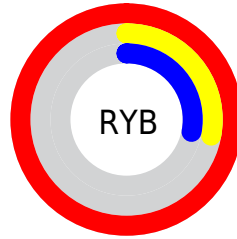
Distribution



Red (100%)

Green (28%)

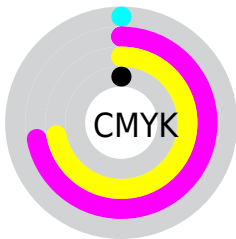
Blue (28%)



Red (100%)

Yellow (28%)

Blue (28%)

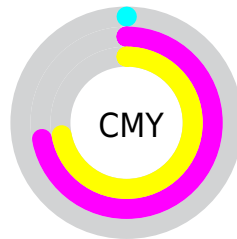


Cyan (0%)

Magenta (72%)

Yellow (72%)

Black (0%)



Cyan (0%)


Magenta (72%)


Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.3626, 0.5594, 0.3297 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 26.3626, 0.5594, 0.3297 by changing the saturation by 10% instead.


 26.3626, 0.5594,
0.3297


 26.3626, 0.5594,
0.3297


284.5575, 0.4276,
0.3414


 17.0951, 0.5922,
0.3219


 53.8593, 0.5109,
0.3374

 10.3023, 0.6328,
0.3091


 72.8574, 0.4927,
0.3392


 5.5999, 0.6851,
0.2884

 95.8677, 0.4774,
0.3403

 2.6033, 0.7477,
0.2523

 123.2747, 0.4644,
0.3410

 0.9283, 0.8103,
0.1897

 155.4628, 0.4533,
0.3413

 0.0000, 1.0000,
0.0000

192.8164, 0.4436,


 0.0000, 0.0000,


0.3415


0.0000

235.7198, 0.4351,
0.3415

 26.3626, 0.5594,
0.3297


 26.3626, 0.5594,
0.3297

 23.4550, 0.6010,
0.3298

 30.7755, 0.5113,
0.3296


 21.8507, 0.6288,
0.3299


 36.8572, 0.4639,
0.3294

 21.2601, 0.6401,
0.3300

 44.7524, 0.4216,
0.3293

 54.5897, 0.3861,
0.3292

 66.4858, 0.3572,
0.3291

 80.5484, 0.3340,
0.3291

 96.8777, 0.3156,
0.3290

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.



26.3626, 0.4757, 0.2566



26.3626, 0.5594, 0.3297



26.3626, 0.5479, 0.4106

Triad

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



26.3626, 0.5594, 0.3297



26.3626, 0.2479, 0.5471



26.3626, 0.1459, 0.1510

Complementary

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



26.3626, 0.5594, 0.3297



80.1158, 0.2318, 0.3288

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.



26.3626, 0.1142, 0.1761



26.3626, 0.5594, 0.3297



26.3626, 0.1584, 0.3940

Square

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



26.3626, 0.5594, 0.3297



26.3626, 0.3606, 0.5754



26.3626, 0.1161, 0.2506



26.3626, 0.2178, 0.1590

Rectangle

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



26.3626, 0.5594, 0.3297



26.3626, 0.5001, 0.4709



26.3626, 0.1161, 0.2506



26.3626, 0.1314, 0.1552

Sweetspot

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



26.3634, 0.5594, 0.3297



66.1802, 0.3578, 0.3291



32.5412, 0.3172, 0.1706



13.4329, 0.3650, 0.3291



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.



26.3634, 0.5594, 0.3297



22.6294, 0.6148, 0.3299



47.0263, 0.4813, 0.4111



17.9871, 0.3295, 0.3290



11.1089, 0.6401, 0.3300



1.0816, 0.6400, 0.3299

Inverse Universe

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



26.3634, 0.5594, 0.3297



22.6294, 0.6148, 0.3299



36.0711, 0.2024, 0.2118



17.9871, 0.3295, 0.3290



11.1089, 0.6401, 0.3300



1.0816, 0.6400, 0.3299

Previews

White Background



This preview shows how the Yxy color 26.3626, 0.5594, 0.3297 looks on a white background.

Color Contrast Check

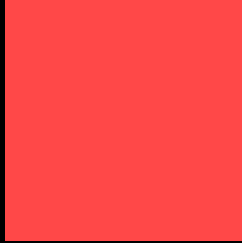
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3626, 0.5594, 0.3297 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 26.3626, 0.5594, 0.3297

Background



This preview shows how black text looks on a background with the Yxy color 26.3626, 0.5594, 0.3297.



This preview shows how white text looks on a background with the Yxy color 26.3626, 0.5594, 0.3297.

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

26.3626, 0.5594, 0.3297

Protanopia

26.5697, 0.3722, 0.4022

Deuteranopia

26.3858, 0.4375, 0.4304



Tritanopia

26.4027, 0.5560, 0.3275

Trichromacy



Original Color

26.3626, 0.5594, 0.3297

Protanomaly

23.9977, 0.4449, 0.3688

Deuteranomaly

24.4470, 0.4902, 0.3833

Tritanomaly

26.3891, 0.5572, 0.3282

Monochromacy



Original Color

26.3626, 0.5594, 0.3297

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

20.5756, 0.4060, 0.3293

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3626, 0.5594, 0.3297 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, 72, 72)` looks like.

```
.text, #text, p{  
    color:rgb(255, 72, 72)  
}
```

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, 72, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 72, 72) }
```

Border

The CSS property to change the border of an element to Yxy 26.3626, 0.5594, 0.3297 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, 72, 72) }
```

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

```
.border{ border-color:rgb(255, 72, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 72, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 72, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 72, 72);  
box-shadow:4px 4px 4px 4px rgb(255, 72,  
72) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3626, 0.5594, 0.3297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 72, 72) }
```

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

```
.background{ background-color: rgb(255, 72,  
72) }
```

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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