

Converting Colors

$Yxy(28.7301, 0.5473, 0.3425)$

Have a look what the booklet for
Yxy(28.7301, 0.5473, 0.3425)
contains.

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Color

Yxy(28.7073, 0.5473, 0.3423)

Conversions

Conversions Part 1

Format	Color
Hex	FF5848
RGB	255, 88, 72
RGB Percent	100%, 35%, 28%
CMY	0.0000, 0.6549, 0.7175
CMYK	0.00, 0.65, 0.72, 0.00
HSL	5°, 100%, 64%
HSV	5°, 72%, 100%
XYZ	45.8998, 28.7073, 9.2588
YIQ	136.1090, 104.6680, 30.4280

Conversions

Conversions Part 2

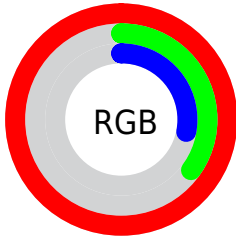
Format	Color
R _Y B	255, 90, 72
Decimal	16734280
CIE Lab	60.52, 62.44, 43.99
CIE LCh	61, 76.378, 35.163
Yxy	28.7073, 0.5473, 0.3423
Android (android.graphics.Color)	4294924360 (0xFFFF5848)
YUV	136.1090, -31.6057, 104.2674
Hunter-Lab	53.5792, 59.1524, 27.2598

Details

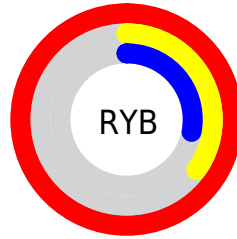
The Yxy color **28.7073, 0.5473, 0.3423** is a dark color, and the websafe version is hex **FF3333**. The color can be described as middle washed red. A complement of this color would be **70.3457, 0.2269, 0.3093**, and the grayscale version is **24.7579, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.8913, 0.4523, 0.3539**, and **11.6167, 0.6155, 0.3264** is the 20% darker color. If you saturate the color by 10%, you get **25.2114, 0.5891, 0.3405**, and if you desaturate by 10%, it is **33.5635, 0.5012, 0.3424**.

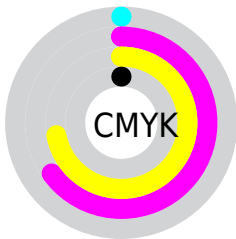
Distribution



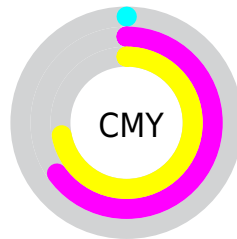
- Red (100%)
- Green (35%)
- Blue (28%)



- Red (100%)
- Yellow (35%)
- Blue (28%)



- Cyan (0%)
- Magenta (65%)
- Yellow (72%)
- Black (0%)




- Cyan (0%)
- Magenta (65%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.7073, 0.5473, 0.3423 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 28.7073, 0.5473, 0.3423 by changing the saturation by 10% instead.


 28.7073, 0.5473,
0.3423


 28.7073, 0.5473,
0.3423


295.8314, 0.4236,
0.3470

 18.8595, 0.5776,
0.3365


 57.6117, 0.5021,
0.3473

 11.5688, 0.6150,
0.3263


 77.4371, 0.4851,
0.3482


 6.4508, 0.6622,
0.3089


 101.3572, 0.4707,
0.3485

 3.1211, 0.7214,
0.2786

 129.7564, 0.4585,
0.3485

 1.1953, 0.7784,
0.2216

 163.0190, 0.4479,
0.3482

 0.0578, 0.9691,
0.0309

201.5294, 0.4387,

 0.0000, 1.0000,

0.3479

0.0000

245.6721, 0.4307,
0.3475

■ 0.0000, 0.0000,
0.0000

■ 28.7073, 0.5473,
0.3423

■ 28.7073, 0.5473,
0.3423

■ 25.2114, 0.5891,
0.3405

■ 33.5635, 0.5012,
0.3424

■ 22.9319, 0.6201,
0.3371

■ 39.8950, 0.4568,
0.3411


■ 21.8434, 0.6350,
0.3340

■ 47.8105, 0.4172,
0.3391

■ 57.4068, 0.3837,
0.3366

■ 68.7732, 0.3561,
0.3341

 81.9924, 0.3336,
0.3317

 97.1421, 0.3155,
0.3294

99.9995, 0.3127,
0.3290

Harmonies

Analogous

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



28.7073, 0.4789, 0.2704



28.7073, 0.5473, 0.3423



28.7073, 0.5293, 0.4216

Triad

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



28.7073, 0.5473, 0.3423



28.7073, 0.2414, 0.5154



28.7073, 0.1611, 0.1593

Complementary

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



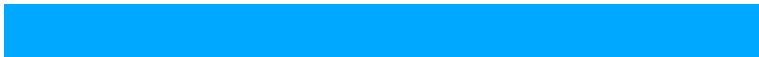
28.7073, 0.5473, 0.3423



70.3457, 0.2269, 0.3093

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.



28.7073, 0.1257, 0.1797



28.7073, 0.5473, 0.3423



28.7073, 0.1603, 0.3702

Square

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



28.7073, 0.5473, 0.3423



28.7073, 0.3480, 0.5625



28.7073, 0.1239, 0.2446



28.7073, 0.2359, 0.1705

Rectangle

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



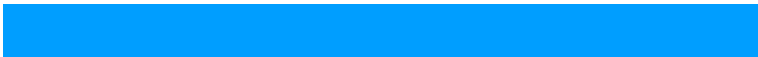
28.7073, 0.5473, 0.3423



28.7073, 0.4820, 0.4785



28.7073, 0.1239, 0.2446



28.7073, 0.1453, 0.1622

Sweetspot

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



28.7090, 0.5473, 0.3423



68.4686, 0.3567, 0.3342



32.1754, 0.3352, 0.1820



13.9596, 0.3637, 0.3349



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.



28.7090, 0.5473, 0.3423



24.1034, 0.6040, 0.3392



53.8733, 0.4649, 0.4282



18.2418, 0.3292, 0.3311



11.5004, 0.6336, 0.3351



1.2025, 0.6204, 0.3456

Inverse Universe

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



70.3457, 0.2269, 0.3093



67.4962, 0.2202, 0.3050



29.8636, 0.1961, 0.1867



20.1941, 0.2980, 0.3269



34.2586, 0.2171, 0.3014



3.4120, 0.2180, 0.3048

Previews

White Background



This preview shows how the Yxy color 28.7073, 0.5473, 0.3423 looks on a white background.

Color Contrast Check

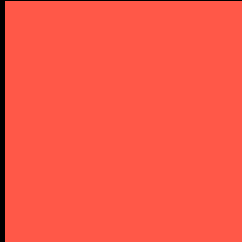
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.7073, 0.5473, 0.3423 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 28.7073, 0.5473, 0.3423

Background



This preview shows how black text looks on a background with the Yxy color 28.7073, 0.5473, 0.3423.



This preview shows how white text looks on a background with the Yxy color 28.7073, 0.5473, 0.3423.

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

28.7073, 0.5473, 0.3423

Protanopia

28.7014, 0.3815, 0.4131

Deuteranopia

28.7581, 0.4406, 0.4311



Tritanopia

28.6709, 0.5273, 0.3254

Trichromacy



Original Color

28.7073, 0.5473, 0.3423

Protanomaly

26.7924, 0.4452, 0.3820

Deuteranomaly

27.3816, 0.4855, 0.3910

Tritanomaly

28.7165, 0.5349, 0.3321

Monochromacy



Original Color

28.7073, 0.5473, 0.3423

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

23.9696, 0.3973, 0.3381

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.7073, 0.5473, 0.3423 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, 88, 72)` looks like.

```
.text, #text, p{  
    color:rgb(255, 88, 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, 88, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 88, 72) }
```

Border

The CSS property to change the border of an element to Yxy 28.7073, 0.5473, 0.3423 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, 88, 72) }
```

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

```
.border{ border-color:rgb(255, 88, 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, 88, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 88, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 88, 72);  
box-shadow:4px 4px 4px 4px rgb(255, 88,  
72) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 28.7073, 0.5473, 0.3423$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 88, 72) }
```

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

```
.background{ background-color: rgb(255, 88,  
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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