

Converting Colors

$Yxy(28.2669, 0.5367, 0.3296)$

Have a look what the booklet for
Yxy(28.2669, 0.5367, 0.3296)
contains.

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Color

Yxy(28.2407, 0.5371, 0.3297)

Conversions

Conversions Part 1

Format	Color
Hex	FF5454
RGB	255, 84, 84
RGB Percent	100%, 33%, 33%
CMY	0.0001, 0.6705, 0.6707
CMYK	0.00, 0.67, 0.67, 0.00
HSL	0°, 100%, 66%
HSV	0°, 67%, 100%
XYZ	46.0057, 28.2407, 11.4093
YIQ	135.1290, 101.9160, 36.2520

Conversions

Conversions Part 2

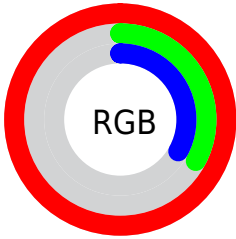
Format	Color
R_{YB}	255, 84, 84
Decimal	16733268
CIE _{Lab}	60.11, 64.54, 36.93
CIE _{LCh}	60, 74.356, 29.777
Yxy	28.2407, 0.5371, 0.3297
Android (android.graphics.Color)	4294923348 (0xFFFF5454)
YUV	135.1290, -25.2066, 105.1269
Hunter-Lab	53.1420, 61.5313, 24.4701

Details

The Yxy color **28.2407, 0.5371, 0.3297** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **80.5792, 0.2343, 0.3287**, and the grayscale version is **24.3499, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.3272, 0.4405, 0.3377**, and **11.3314, 0.6053, 0.3131** is the 20% darker color. If you saturate the color by 10%, you get **24.6484, 0.5828, 0.3298**, and if you desaturate by 10%, it is **33.4205, 0.4886, 0.3296**.

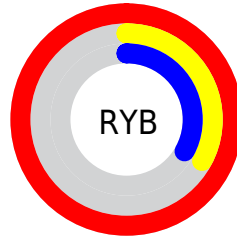
Distribution



Red (100%)

Green (33%)

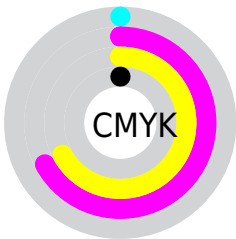
Blue (33%)



Red (100%)

Yellow (33%)

Blue (33%)

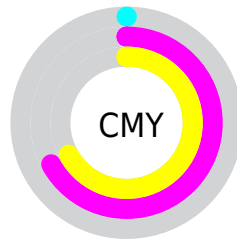


Cyan (0%)

Magenta (67%)

Yellow (67%)

Black (0%)



Cyan (0%)


Magenta (67%)


Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.2407, 0.5371, 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 28.2407, 0.5371, 0.3297 by changing the saturation by 10% instead.


 28.2407, 0.5371,
0.3297


 28.2407, 0.5371,
0.3297


293.6153, 0.4173,
0.3389


 18.5072, 0.5675,
0.3236


 56.8685, 0.4927,
0.3357


 11.3147, 0.6058,
0.3135

 76.5316, 0.4762,
0.3372

 6.2789, 0.6544,
0.2961


 100.2733, 0.4623,
0.3380

 3.0154, 0.7291,
0.2709

 128.4780, 0.4506,
0.3386

 1.1398, 0.7874,
0.2126

 161.5302, 0.4404,
0.3388

 0.0117, 0.9936,
0.0064

199.8142, 0.4317,


 0.0000, 1.0000,


0.3389


0.0000


243.7144, 0.4240,
0.3389


 0.0000, 0.0000,
0.0000

 28.2407, 0.5371,
0.3297


 28.2407, 0.5371,
0.3297


 24.6484, 0.5828,
0.3298


 33.4205, 0.4886,
0.3296


 22.4572, 0.6178,
0.3299


 40.3372, 0.4432,
0.3294


 21.4375, 0.6366,
0.3300

 49.1283, 0.4040,
0.3293

 21.2587, 0.6401,
0.3300

 59.9164, 0.3717,
0.3292

 72.8136, 0.3456,
0.3291

 87.9238, 0.3248,
0.3290

99.9970, 0.3127,
0.3290

Harmonies

Analogous

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



28.2407, 0.4556, 0.2597



28.2407, 0.5371, 0.3297



28.2407, 0.5345, 0.4067

Triad

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



28.2407, 0.5371, 0.3297



28.2407, 0.2613, 0.5286



28.2407, 0.1545, 0.1630

Complementary

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



28.2407, 0.5371, 0.3297



80.5792, 0.2343, 0.3287

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.



28.2407, 0.1256, 0.1901



28.2407, 0.5371, 0.3297



28.2407, 0.1744, 0.3966

Square

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



28.2407, 0.5371, 0.3297



28.2407, 0.3676, 0.5534



28.2407, 0.1302, 0.2643



28.2407, 0.2209, 0.1688

Rectangle

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



28.2407, 0.5371, 0.3297



28.2407, 0.4944, 0.4621



28.2407, 0.1302, 0.2643



28.2407, 0.1411, 0.1679

Sweetspot

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



28.2423, 0.5371, 0.3297



68.8128, 0.3527, 0.3291



34.8134, 0.3198, 0.1783



13.9444, 0.3599, 0.3292



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.



28.2423, 0.5371, 0.3297



23.8721, 0.5945, 0.3299



50.4523, 0.4655, 0.4113



17.9880, 0.3295, 0.3291



11.1101, 0.6401, 0.3300



1.0820, 0.6400, 0.3300

Inverse Universe

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



80.5792, 0.2343, 0.3287



79.4039, 0.2283, 0.3287



37.6584, 0.2072, 0.2169



20.4805, 0.2980, 0.3290



41.1177, 0.2246, 0.3286



4.0038, 0.2246, 0.3287

Previews

White Background



This preview shows how the Yxy color 28.2407, 0.5371, 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 28.2407, 0.5371, 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 28.2407, 0.5371, 0.3297

Background



This preview shows how black text looks on a background with the Yxy color 28.2407, 0.5371, 0.3297.



This preview shows how white text looks on a background with the Yxy color 28.2407, 0.5371, 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

28.2407, 0.5371, 0.3297

Protanopia

28.3803, 0.3636, 0.3895

Deuteranopia

28.1499, 0.4258, 0.4174



Tritanopia

28.3052, 0.5323, 0.3263

Trichromacy



Original Color

28.2407, 0.5371, 0.3297

Protanomaly

26.2732, 0.4281, 0.3620

Deuteranomaly

26.6287, 0.4723, 0.3776

Tritanomaly

28.2888, 0.5335, 0.3272

Monochromacy



Original Color

28.2407, 0.5371, 0.3297

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

23.3354, 0.3949, 0.3292

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.2407, 0.5371, 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, 84, 84)` looks like.

```
.text, #text, p{  
  color:rgb(255, 84, 84)  
}
```

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, 84, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 84, 84) }
```

Border

The CSS property to change the border of an element to Yxy 28.2407, 0.5371, 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, 84, 84) }
```

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

```
.border{ border-color:rgb(255, 84, 84) }
```

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

Here you see how a box with a 4 pixel rgb(255, 84, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 84, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 84, 84);  
box-shadow:4px 4px 4px 4px rgb(255, 84,  
84) }
```


Background

The CSS property to change the background color of an element to Yxy 28.2407, 0.5371, 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, 84, 84) }
```

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

```
.background{ background-color: rgb(255, 84,  
84) }
```

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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