

Converting Colors

$Y_{xy}(28.9917, 0.5719, 0.3212)$

Have a look what the booklet for
Yxy(28.9917, 0.5719, 0.3212)
contains.

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Color

Yxy(25.2271, 0.5613, 0.3199)

Conversions

Conversions Part 1

Format	Color
Hex	FF3E4C
RGB	255, 62, 76
RGB Percent	100%, 24%, 30%
CMY	0.0000, 0.7567, 0.7021
CMYK	0.00, 0.76, 0.70, 0.00
HSL	356°, 100%, 62%
HSV	356°, 76%, 100%
XYZ	44.2637, 25.2271, 9.3685
YIQ	121.3030, 110.5340, 45.2700

Conversions

Conversions Part 2

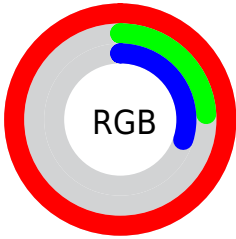
Format	Color
R_{YB}	255, 62, 76
Decimal	16727628
CIE Lab	57.30, 71.63, 38.08
CIE LCh	57, 81.122, 27.995
Yxy	25.2271, 0.5613, 0.3199
Android (android.graphics.Color)	4294917708 (0xFFFF3E4C)
YUV	121.3030, -22.3344, 117.2523
Hunter-Lab	50.2266, 69.4122, 24.0996

Details

The Yxy color **25.2271, 0.5613, 0.3199** 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 **78.8929, 0.2350, 0.3457**, and the grayscale version is **19.2752, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.1560, 0.4610, 0.3284**, and **11.0514, 0.6157, 0.3165** is the 20% darker color. If you saturate the color by 10%, you get **22.8033, 0.6008, 0.3223**, and if you desaturate by 10%, it is **29.0743, 0.5153, 0.3190**.

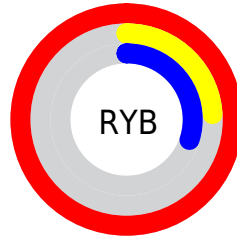
Distribution



Red (100%)

Green (24%)

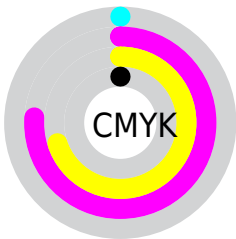
Blue (30%)



Red (100%)

Yellow (24%)

Blue (30%)

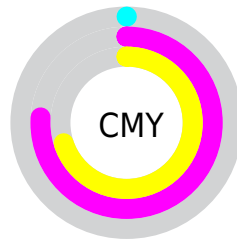


Cyan (0%)

Magenta (76%)

Yellow (70%)

Black (0%)



Cyan (0%)


Magenta (76%)


Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.2271, 0.5613, 0.3199 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 25.2271, 0.5613, 0.3199 by changing the saturation by 10% instead.


 25.2271, 0.5613,
0.3199


 25.2271, 0.5613,
0.3199


278.9670, 0.4272,
0.3361


 16.2463, 0.5953,
0.3112


 52.0254, 0.5115,
0.3291

 9.6986, 0.6378,
0.2972


 70.6117, 0.4930,
0.3316

 5.1996, 0.6920,
0.2748

 93.1687, 0.4775,
0.3332

 2.3648, 0.7620,
0.2380

 120.0807, 0.4643,
0.3343

 0.8077, 0.8274,
0.1726

 151.7322, 0.4531,
0.3351

 0.0000, 1.0000,
0.0000


188.5074, 0.4433,

 0.0000, 0.0000,


0.3356

0.0000


230.7909, 0.4348,
0.3359


 25.2271, 0.5613,
0.3199


 25.2271, 0.5613,
0.3199


 22.8033, 0.6008,
0.3223

 29.0743, 0.5153,
0.3190

 21.5853, 0.6273,
0.3257


 34.5131, 0.4695,
0.3194

 21.3031, 0.6344,
0.3269

 41.6931, 0.4280,
0.3206

 50.7454, 0.3927,
0.3223

 61.7887, 0.3637,
0.3242

 74.9316, 0.3403,
0.3262

 90.2752, 0.3216,
0.3280

99.9981, 0.3127,
0.3290

Harmonies

Analogous

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



25.2271, 0.4657, 0.2469



25.2271, 0.5613, 0.3199



25.2271, 0.5582, 0.4005

Triad

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



25.2271, 0.5613, 0.3199



25.2271, 0.2574, 0.5657



25.2271, 0.1372, 0.1483

Complementary

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



25.2271, 0.5613, 0.3199



78.8929, 0.2350, 0.3457

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.



25.2271, 0.1090, 0.1778



25.2271, 0.5613, 0.3199



25.2271, 0.1622, 0.4154

Square

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



25.2271, 0.5613, 0.3199



25.2271, 0.3726, 0.5763



25.2271, 0.1145, 0.2605



25.2271, 0.2049, 0.1533

Rectangle

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



25.2271, 0.5613, 0.3199



25.2271, 0.5127, 0.4614



25.2271, 0.1145, 0.2605



25.2271, 0.1240, 0.1538

Sweetspot

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



25.2286, 0.5613, 0.3199



65.0955, 0.3570, 0.3248



29.0036, 0.3047, 0.1597



12.9852, 0.3662, 0.3241



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.



25.2286, 0.5613, 0.3199



22.0220, 0.6168, 0.3240



41.0815, 0.5049, 0.4001



18.0083, 0.3283, 0.3273



11.1400, 0.6326, 0.3259



1.0917, 0.6162, 0.3168

Inverse Universe

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



25.2286, 0.5613, 0.3199



22.0220, 0.6168, 0.3240



38.7461, 0.2025, 0.2224



18.0083, 0.3283, 0.3273



11.1400, 0.6326, 0.3259



1.0917, 0.6162, 0.3168

Previews

White Background



This preview shows how the Yxy color 25.2271, 0.5613, 0.3199 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 25.2271, 0.5613, 0.3199 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 25.2271, 0.5613, 0.3199

Background



This preview shows how black text looks on a background with the Yxy color 25.2271, 0.5613, 0.3199.



This preview shows how white text looks on a background with the Yxy color 25.2271, 0.5613, 0.3199.

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

25.2271, 0.5613, 0.3199

Protanopia

25.4521, 0.3615, 0.3874

Deuteranopia

25.1603, 0.4324, 0.4242



Tritanopia

25.3201, 0.5715, 0.3284

Trichromacy



Original Color

25.2271, 0.5613, 0.3199

Protanomaly

22.5070, 0.4398, 0.3529

Deuteranomaly

23.1552, 0.4892, 0.3736

Tritanomaly

25.2572, 0.5677, 0.3250

Monochromacy



Original Color

25.2271, 0.5613, 0.3199

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

18.6803, 0.4077, 0.3216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.2271, 0.5613, 0.3199 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, 62, 76)` looks like.

```
.text, #text, p{  
    color:rgb(255, 62, 76)  
}
```

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, 62, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 62, 76) }
```

Border

The CSS property to change the border of an element to Yxy 25.2271, 0.5613, 0.3199 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, 62, 76) }
```

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

```
.border{ border-color:rgb(255, 62, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 62, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 62, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 62, 76);  
box-shadow:4px 4px 4px 4px rgb(255, 62,  
76) }
```


Background

The CSS property to change the background color of an element to Yxy 25.2271, 0.5613, 0.3199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 62, 76) }
```

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

```
.background{ background-color: rgb(255, 62,  
76) }
```

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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