

Converting Colors

Yxy(25.1649, 0.5597, 0.3180)

Have a look what the booklet for
Yxy(25.1649, 0.5597, 0.3180)
contains.

Yxy(25.1475, 0.5594, 0.3177)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.1475, 0.5594, 0.3177)

Conversions

Conversions Part 1

Format	Color
Hex	FF3D4E
RGB	255, 61, 78
RGB Percent	100%, 24%, 31%
CMY	0.0001, 0.7606, 0.6941
CMYK	0.00, 0.76, 0.69, 0.00
HSL	355°, 100%, 62%
HSV	355°, 76%, 100%
XYZ	44.2792, 25.1475, 9.7281
YIQ	120.9440, 110.1670, 46.4150

Conversions

Conversions Part 2

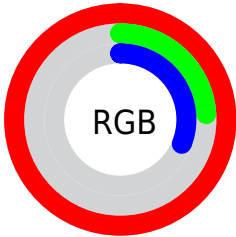
Format	Color
R _Y B	255, 61, 78
Decimal	16727374
CIE Lab	57.22, 72.01, 36.83
CIE LCh	57, 80.879, 27.088
Yxy	25.1475, 0.5594, 0.3177
Android (android.graphics.Color)	4294917454 (0xFFFF3D4E)
YUV	120.9440, -21.1714, 117.5671
Hunter-Lab	50.1473, 69.8548, 23.6014

Details

The Yxy color **25.1475, 0.5594, 0.3177** 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 **78.6767, 0.2360, 0.3495**, and the grayscale version is **19.1513, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.2076, 0.4586, 0.3264**, and **11.0626, 0.6132, 0.3152** is the 20% darker color. If you saturate the color by 10%, you get **22.7644, 0.5988, 0.3205**, and if you desaturate by 10%, it is **28.9442, 0.5138, 0.3167**.

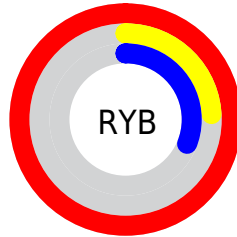
Distribution



Red (100%)

Green (24%)

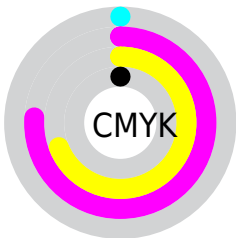
Blue (31%)



Red (100%)

Yellow (24%)

Blue (31%)

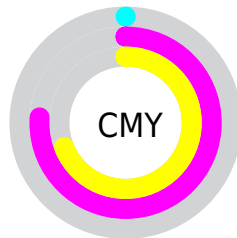


Cyan (0%)

Magenta (76%)

Yellow (69%)

Black (0%)



Cyan (0%)


Magenta (76%)

Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1475, 0.5594, 0.3177 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 25.1475, 0.5594, 0.3177 by changing the saturation by 10% instead.


 25.1475, 0.5594,
0.3177


 25.1475, 0.5594,
0.3177


278.5717, 0.4261,
0.3347

 16.1870, 0.5934,
0.3090


 51.8964, 0.5098,
0.3271

 9.6566, 0.6361,
0.2950


 70.4536, 0.4914,
0.3296


 5.1718, 0.6903,
0.2725

 92.9784, 0.4759,
0.3314

 2.3484, 0.7634,
0.2366

 119.8554, 0.4629,
0.3326

 0.7992, 0.8290,
0.1710

 151.4688, 0.4517,
0.3334

 0.0000, 1.0000,
0.0000

188.2030, 0.4420,

 0.0000, 0.0000,

0.3340

0.0000

230.4425, 0.4335,
0.3344

■ 25.1475, 0.5594,
0.3177

■ 25.1475, 0.5594,
0.3177

■ 22.7644, 0.5988,
0.3205

■ 28.9442, 0.5138,
0.3167

■ 21.5762, 0.6258,
0.3246


■ 34.3231, 0.4685,
0.3171


■ 21.3157, 0.6327,
0.3259

■ 41.4338, 0.4275,
0.3187

■ 50.4077, 0.3926,
0.3208

■ 61.3632, 0.3639,
0.3231

 74.4090, 0.3407,
0.3255

 89.6459, 0.3221,
0.3277

99.9966, 0.3127,
0.3290

Harmonies

Analogous

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



25.1475, 0.4613, 0.2450



25.1475, 0.5594, 0.3177



25.1475, 0.5593, 0.3980

Triad

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



25.1475, 0.5594, 0.3177



25.1475, 0.2609, 0.5678



25.1475, 0.1361, 0.1489

Complementary

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



25.1475, 0.5594, 0.3177



78.6767, 0.2360, 0.3495

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.



25.1475, 0.1089, 0.1797



25.1475, 0.5594, 0.3177



25.1475, 0.1647, 0.4206

Square

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



25.1475, 0.5594, 0.3177



25.1475, 0.3762, 0.5743



25.1475, 0.1155, 0.2643



25.1475, 0.2024, 0.1529

Rectangle

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



25.1475, 0.5594, 0.3177



25.1475, 0.5150, 0.4585



25.1475, 0.1155, 0.2643



25.1475, 0.1232, 0.1547

Sweetspot

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



25.1490, 0.5594, 0.3177



65.1375, 0.3562, 0.3238



28.3237, 0.3015, 0.1576



12.9950, 0.3653, 0.3230



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.



25.1490, 0.5594, 0.3177



22.0470, 0.6140, 0.3224



39.9494, 0.5093, 0.3970



18.0128, 0.3281, 0.3270



11.1484, 0.6307, 0.3248



1.0938, 0.6114, 0.3142

Inverse Universe

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



25.1490, 0.5594, 0.3177



22.0470, 0.6140, 0.3224



39.8178, 0.2033, 0.2263



18.0128, 0.3281, 0.3270



11.1484, 0.6307, 0.3248



1.0938, 0.6114, 0.3142

Previews

White Background



This preview shows how the Yxy color 25.1475, 0.5594, 0.3177 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 25.1475, 0.5594, 0.3177 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 25.1475, 0.5594, 0.3177

Background



This preview shows how black text looks on a background with the Yxy color 25.1475, 0.5594, 0.3177.



This preview shows how white text looks on a background with the Yxy color 25.1475, 0.5594, 0.3177.

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

25.1475, 0.5594, 0.3177

Protanopia

25.1350, 0.3575, 0.3811

Deuteranopia

25.1839, 0.4306, 0.4218



Tritanopia

25.1967, 0.5732, 0.3284

Trichromacy



Original Color

25.1475, 0.5594, 0.3177

Protanomaly

22.2209, 0.4353, 0.3475

Deuteranomaly

23.1805, 0.4869, 0.3715

Tritanomaly

25.1474, 0.5683, 0.3243

Monochromacy



Original Color

25.1475, 0.5594, 0.3177

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

18.4896, 0.4083, 0.3201

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1475, 0.5594, 0.3177 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, 61, 78)` looks like.

```
.text, #text, p{  
    color:rgb(255, 61, 78)  
}
```

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, 61, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 61, 78) }
```

Border

The CSS property to change the border of an element to Yxy 25.1475, 0.5594, 0.3177 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, 61, 78) }
```

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

```
.border{ border-color:rgb(255, 61, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 61, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 61, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 61, 78);  
box-shadow:4px 4px 4px 4px rgb(255, 61,  
78) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1475, 0.5594, 0.3177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 61, 78) }
```

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

```
.background{ background-color: rgb(255, 61,  
78) }
```

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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