

Converting Colors

$Yxy(25.1176, 0.5720, 0.3268)$

Have a look what the booklet for
Yxy(25.1176, 0.5720, 0.3268)
contains.

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Color

Yxy(25.1105, 0.5717, 0.3264)

Conversions

Conversions Part 1

Format	Color
Hex	FF3E43
RGB	255, 62, 67
RGB Percent	100%, 24%, 26%
CMY	0.0000, 0.7570, 0.7372
CMYK	0.00, 0.76, 0.74, 0.00
HSL	358°, 100%, 62%
HSV	358°, 76%, 100%
XYZ	43.9818, 25.1105, 7.8393
YIQ	120.2770, 113.4230, 42.4710

Conversions

Conversions Part 2

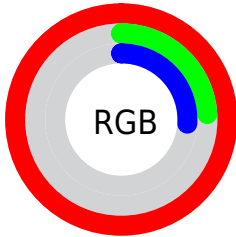
Format	Color
R_{YB}	255, 62, 67
Decimal	16727619
CIE _{Lab}	57.18, 71.29, 42.97
CIE _{LCh}	57, 83.244, 31.081
Yxy	25.1105, 0.5717, 0.3264
Android (android.graphics.Color)	4294917699 (0xFFFF3E43)
YUV	120.2770, -26.2656, 118.1521
Hunter-Lab	50.1104, 68.9762, 25.8019

Details

The Yxy color **25.1105, 0.5717, 0.3264** 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 **79.4438, 0.2318, 0.3348**, and the grayscale version is **18.9292, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.9363, 0.4714, 0.3374**, and **11.0090, 0.6253, 0.3218** is the 20% darker color. If you saturate the color by 10%, you get **22.7192, 0.6097, 0.3274**, and if you desaturate by 10%, it is **28.9237, 0.5252, 0.3259**.

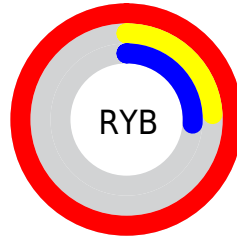
Distribution



Red (100%)

Green (24%)

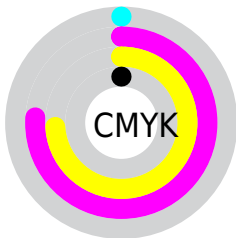
Blue (26%)



Red (100%)

Yellow (24%)

Blue (26%)

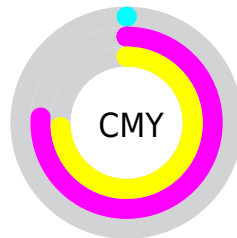


Cyan (0%)

Magenta (76%)

Yellow (74%)

Black (0%)



Cyan (0%)


Magenta (76%)


Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1105, 0.5717, 0.3264 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 25.1105, 0.5717, 0.3264 by changing the saturation by 10% instead.


 25.1105, 0.5717,
0.3264


 25.1105, 0.5717,
0.3264


278.3878, 0.4331,
0.3411


 16.1594, 0.6059,
0.3174


 51.8364, 0.5208,
0.3356

 9.6370, 0.6480,
0.3026


 70.3800, 0.5016,
0.3379

 5.1590, 0.7049,
0.2803

 92.8900, 0.4855,
0.3393

 2.3408, 0.7618,
0.2382

 119.7506, 0.4718,
0.3402

 0.7952, 0.8276,
0.1724

 151.3463, 0.4601,
0.3407

 0.0000, 1.0000,
0.0000

188.0614, 0.4499,

 0.0000, 0.0000,

0.3410

0.0000

230.2805, 0.4409,
0.3411

■ 25.1105, 0.5717,
0.3264

■ 25.1105, 0.5717,
0.3264

■ 22.7192, 0.6097,
0.3274

■ 28.9237, 0.5252,
0.3259

■ 21.5403, 0.6328,
0.3288

■ 34.3417, 0.4776,
0.3259


■ 21.2746, 0.6382,
0.3290

■ 41.5123, 0.4341,
0.3262

■ 50.5684, 0.3969,
0.3268

■ 61.6302, 0.3663,
0.3274

 74.8077, 0.3417,
0.3280

 90.2033, 0.3221,
0.3287

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.



25.1105, 0.4836, 0.2521



25.1105, 0.5717, 0.3264



25.1105, 0.5574, 0.4090

Triad

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



25.1105, 0.5717, 0.3264



25.1105, 0.2434, 0.5630



25.1105, 0.1390, 0.1441

Complementary

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



25.1105, 0.5717, 0.3264



79.4438, 0.2318, 0.3348

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.



25.1105, 0.1069, 0.1693



25.1105, 0.5717, 0.3264



25.1105, 0.1511, 0.3985

Square

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



25.1105, 0.5717, 0.3264



25.1105, 0.3599, 0.5875



25.1105, 0.1084, 0.2461



25.1105, 0.2123, 0.1523

Rectangle

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



25.1105, 0.5717, 0.3264



25.1105, 0.5061, 0.4722



25.1105, 0.1084, 0.2461



25.1105, 0.1243, 0.1483

Sweetspot

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



25.1080, 0.5717, 0.3264



64.9695, 0.3592, 0.3276



30.7227, 0.3141, 0.1644



12.9557, 0.3689, 0.3273



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.



25.1080, 0.5717, 0.3264



21.9595, 0.6241, 0.3281



44.0816, 0.4954, 0.4094



17.9947, 0.3290, 0.3284



11.1197, 0.6374, 0.3285



1.0853, 0.6312, 0.3251

Inverse Universe

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



25.1080, 0.5717, 0.3264



21.9595, 0.6241, 0.3281



35.1256, 0.1990, 0.2088



17.9947, 0.3290, 0.3284



11.1197, 0.6374, 0.3285



1.0853, 0.6312, 0.3251

Previews

White Background



This preview shows how the Yxy color 25.1105, 0.5717, 0.3264 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 25.1105, 0.5717, 0.3264 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 25.1105, 0.5717, 0.3264

Background



This preview shows how black text looks on a background with the Yxy color 25.1105, 0.5717, 0.3264.



This preview shows how white text looks on a background with the Yxy color 25.1105, 0.5717, 0.3264.

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

25.1105, 0.5717, 0.3264

Protanopia

25.0536, 0.3750, 0.4037

Deuteranopia

25.1664, 0.4422, 0.4347



Tritanopia

25.0754, 0.5749, 0.3285

Trichromacy



Original Color

25.1105, 0.5717, 0.3264

Protanomaly

22.4678, 0.4540, 0.3660

Deuteranomaly

23.1804, 0.5009, 0.3832

Tritanomaly

25.0869, 0.5738, 0.3278

Monochromacy



Original Color

25.1105, 0.5717, 0.3264

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

18.2983, 0.4131, 0.3262

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1105, 0.5717, 0.3264 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, 67)` looks like.

```
.text, #text, p{  
  color:rgb(255, 62, 67)  
}
```

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, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 62, 67) }
```

Border

The CSS property to change the border of an element to Yxy 25.1105, 0.5717, 0.3264 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, 67) }
```

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

```
.border{ border-color:rgb(255, 62, 67) }
```

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, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 62, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 62, 67);  
box-shadow:4px 4px 4px 4px rgb(255, 62,  
67) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1105, 0.5717, 0.3264 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, 67) }
```

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

```
.background{ background-color: rgb(255, 62,  
67) }
```

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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