

Converting Colors

$Yxy(26.9579, 0.5097, 0.3294)$

Have a look what the booklet for
Yxy(26.9579, 0.5097, 0.3294)
contains.

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Color

Yxy(26.9523, 0.5099, 0.3296)

Conversions

Conversions Part 1

Format	Color
Hex	F05C5C
RGB	240, 92, 92
RGB Percent	94%, 36%, 36%
CMY	0.0588, 0.6392, 0.6393
CMYK	0.00, 0.62, 0.62, 0.06
HSL	0°, 83%, 65%
HSV	0°, 62%, 94%
XYZ	41.6959, 26.9523, 13.1245
YIQ	136.2520, 88.2080, 31.3760

Conversions

Conversions Part 2

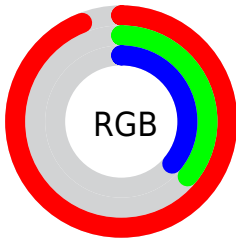
Format	Color
R_{YB}	240, 92, 92
Decimal	15752284
CIE _{Lab}	58.93, 56.94, 30.39
CIE _{LCh}	59, 64.546, 28.092
Yxy	26.9523, 0.5099, 0.3296
Android (android.graphics.Color)	4293942364 (0xFFFF05C5C)
YUV	136.2520, -21.8162, 90.9870
Hunter-Lab	51.9156, 52.5097, 21.3521

Details

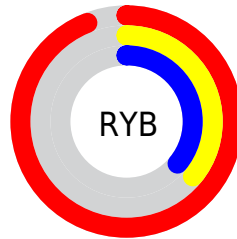
The Yxy color **26.9523, 0.5099, 0.3296** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **70.8779, 0.2379, 0.3288**, and the grayscale version is **24.7784, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.3928, 0.4287, 0.3356**, and **10.6422, 0.5756, 0.3167** is the 20% darker color. If you saturate the color by 10%, you get **23.0788, 0.5579, 0.3297**, and if you desaturate by 10%, it is **32.2778, 0.4627, 0.3295**.

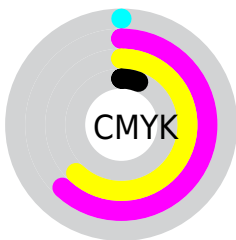
Distribution



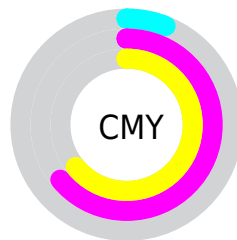
- Red (94%)
- Green (36%)
- Blue (36%)



- Red (94%)
- Yellow (36%)
- Blue (36%)



- Cyan (0%)
- Magenta (62%)
- Yellow (62%)
- Black (6%)





- Cyan (6%)
- Magenta (64%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.9523, 0.5099, 0.3296 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 26.9523, 0.5099, 0.3296 by changing the saturation by 10% instead.


 26.9523, 0.5099,
0.3296


 26.9523, 0.5099,
0.3296


287.4261, 0.4028,
0.3363


 17.5374, 0.5383,
0.3249


 54.8073, 0.4695,
0.3341


 10.6184, 0.5750,
0.3169


 74.0162, 0.4547,
0.3352

 5.8108, 0.6234,
0.3027


 97.2586, 0.4423,
0.3358

 2.7304, 0.7018,
0.2820

 124.9188, 0.4319,
0.3361

 0.9927, 0.7729,
0.2271

157.3813, 0.4231,
0.3363

 0.0000, 1.0000,
0.0000


195.0304, 0.4154,


 0.0000, 0.0000,


0.3364

0.0000


238.2505, 0.4087,
0.3364

 26.9523, 0.5099,
0.3296


 26.9523, 0.5099,
0.3296

 23.0788, 0.5579,
0.3297


 32.2778, 0.4627,
0.3295


 20.5105, 0.5998,
0.3299


 39.1747, 0.4208,
0.3293


 19.0781, 0.6280,
0.3299


 47.7549, 0.3855,
0.3292

 18.5278, 0.6401,
0.3300

 58.1191, 0.3568,
0.3291

 70.3599, 0.3337,
0.3291

 84.5638, 0.3154,
0.3290

 97.2670, 0.3035,
0.3290

Harmonies

Analogous

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



26.9523, 0.4336, 0.2642



26.9523, 0.5099, 0.3296



26.9523, 0.5154, 0.4012

Triad

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



26.9523, 0.5099, 0.3296



26.9523, 0.2751, 0.5055



26.9523, 0.1663, 0.1785

Complementary

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



26.9523, 0.5099, 0.3296



70.8779, 0.2379, 0.3288

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.



26.9523, 0.1409, 0.2073



26.9523, 0.5099, 0.3296



26.9523, 0.1931, 0.3964

Square

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



26.9523, 0.5099, 0.3296



26.9523, 0.3725, 0.5271



26.9523, 0.1482, 0.2791



26.9523, 0.2263, 0.1818

Rectangle

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



26.9523, 0.5099, 0.3296



26.9523, 0.4837, 0.4508



26.9523, 0.1482, 0.2791



26.9523, 0.1542, 0.1841

Sweetspot

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



26.9538, 0.5099, 0.3296



70.1547, 0.3502, 0.3291



32.4692, 0.3194, 0.1869



14.2047, 0.3574, 0.3291



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.



26.9538, 0.5099, 0.3296



25.5921, 0.5696, 0.3298



46.5694, 0.4499, 0.4068



15.7593, 0.3293, 0.3291



10.1417, 0.6401, 0.3300



0.8438, 0.6400, 0.3300

Inverse Universe

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



70.8779, 0.2379, 0.3288



79.8893, 0.2307, 0.3287



35.8361, 0.2149, 0.2280



17.9285, 0.2981, 0.3290



37.5467, 0.2246, 0.3287



3.1237, 0.2246, 0.3287

Previews

White Background



This preview shows how the Yxy color 26.9523, 0.5099, 0.3296 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 26.9523, 0.5099, 0.3296 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 26.9523, 0.5099, 0.3296

Background



This preview shows how black text looks on a background with the Yxy color 26.9523, 0.5099, 0.3296.



This preview shows how white text looks on a background with the Yxy color 26.9523, 0.5099, 0.3296.

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

26.9523, 0.5099, 0.3296

Protanopia

27.1176, 0.3528, 0.3764

Deuteranopia

27.1484, 0.4119, 0.4040



Tritanopia

26.8705, 0.5041, 0.3238

Trichromacy



Original Color

26.9523, 0.5099, 0.3296

Protanomaly

25.5025, 0.4094, 0.3565

Deuteranomaly

26.0078, 0.4494, 0.3710

Tritanomaly

26.8337, 0.5067, 0.3257

Monochromacy



Original Color

26.9523, 0.5099, 0.3296

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

23.7877, 0.3814, 0.3292

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9523, 0.5099, 0.3296 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(240, 92, 92)` looks like.

```
.text, #text, p{  
    color:rgb(240, 92, 92)  
}
```

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(240, 92, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 92, 92) }
```

Border

The CSS property to change the border of an element to Yxy 26.9523, 0.5099, 0.3296 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(240, 92, 92) }
```

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

```
.border{ border-color:rgb(240, 92, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 92, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 92, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 92, 92);  
box-shadow:4px 4px 4px 4px rgb(240, 92,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9523, 0.5099, 0.3296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 92, 92) }
```

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

```
.background{ background-color: rgb(240, 92,  
92) }
```

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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