

Converting Colors

$Yxy(26.6687, 0.5875, 0.3611)$

Have a look what the booklet for
Yxy(26.6687, 0.5875, 0.3611)
contains.

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Color

Yxy(26.6505, 0.5870, 0.3616)

Conversions

Conversions Part 1

Format	Color
Hex	FC5119
RGB	252, 81, 25
RGB Percent	99%, 32%, 10%
CMY	0.0118, 0.6823, 0.9016
CMYK	0.00, 0.68, 0.90, 0.01
HSL	15°, 97%, 54%
HSV	15°, 90%, 99%
XYZ	43.2628, 26.6505, 3.7883
YIQ	125.7450, 119.8920, 18.8360

Conversions

Conversions Part 2

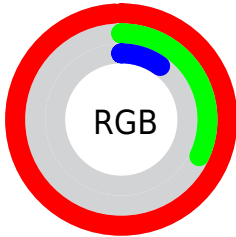
Format	Color
R_{YB}	252, 99, 25
Decimal	16535833
CIE _{Lab}	58.65, 62.85, 63.41
CIE _{LCh}	59, 89.285, 45.255
Yxy	26.6505, 0.5870, 0.3616
Android (android.graphics.Color)	4294725913 (0xFFFC5119)
YUV	125.7450, -49.6673, 110.7256
Hunter-Lab	51.6241, 59.2471, 31.7861

Details

The Yxy color **26.6505, 0.5870, 0.3616** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **46.7471, 0.2055, 0.2546**, and the grayscale version is **20.9194, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.9870, 0.4977, 0.3849**, and **10.4825, 0.6393, 0.3306** is the 20% darker color. If you saturate the color by 10%, you get **24.1520, 0.6115, 0.3527**, and if you desaturate by 10%, it is **30.0421, 0.5537, 0.3673**.

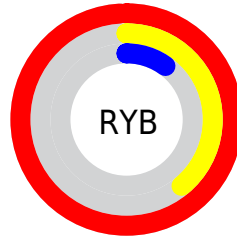
Distribution



Red (99%)

Green (32%)

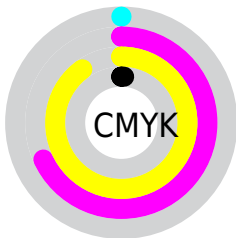
Blue (10%)



Red (99%)

Yellow (39%)

Blue (10%)

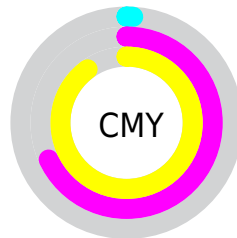


Cyan (0%)

Magenta (68%)

Yellow (90%)

Black (1%)



Cyan (1%)


Magenta (68%)


Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.6505, 0.5870, 0.3616 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 26.6505, 0.5870, 0.3616 by changing the saturation by 10% instead.


 26.6505, 0.5870,
0.3616

 26.6505, 0.5870,
0.3616


285.9609, 0.4481,
0.3655


 17.3109, 0.6167,
0.3525


 54.3225, 0.5391,
0.3690


 10.4564, 0.6542,
0.3385


 73.4237, 0.5201,
0.3700


 5.7026, 0.6893,
0.3107

 96.5476, 0.5037,
0.3700

 2.6651, 0.7316,
0.2684

 124.0786, 0.4895,
0.3696

 0.9595, 0.7930,
0.2070

 156.4010, 0.4771,
0.3687

 0.0000, 1.0000,
0.0000


 193.8993, 0.4662,


 0.0000, 0.0000,


0.3677

0.0000

 236.9578, 0.4566,
0.3666


 26.6505, 0.5870,
0.3616


 26.6505, 0.5870,
0.3616


 24.1520, 0.6115,
0.3527

 30.0421, 0.5537,
0.3673

 34.4007, 0.5149,
0.3688


 39.7990, 0.4750,
0.3666


 46.3010, 0.4373,
0.3619

 53.9652, 0.4037,
0.3557

 62.8460, 0.3747,
0.3489

 72.9939, 0.3503,
0.3419

 84.4569, 0.3298,
0.3353

 97.2802, 0.3128,
0.3290

Harmonies

Analogous

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



26.6505, 0.5484, 0.2832



26.6505, 0.5870, 0.3616



26.6505, 0.5289, 0.4535

Triad

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



26.6505, 0.5870, 0.3616



26.6505, 0.1880, 0.5050



26.6505, 0.1622, 0.1381

Complementary

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



26.6505, 0.5870, 0.3616



46.7471, 0.2055, 0.2546

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.



26.6505, 0.1115, 0.1462



26.6505, 0.5870, 0.3616



26.6505, 0.1176, 0.3151

Square

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



26.6505, 0.5870, 0.3616



26.6505, 0.3004, 0.6106



26.6505, 0.0968, 0.1954



26.6505, 0.2621, 0.1608

Rectangle

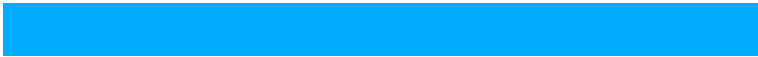
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



26.6505, 0.5870, 0.3616



26.6505, 0.4602, 0.5231



26.6505, 0.0968, 0.1954



26.6505, 0.1406, 0.1372

Sweetspot

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



26.6521, 0.5870, 0.3616



67.5799, 0.3669, 0.3467



25.5196, 0.3831, 0.1924



13.7381, 0.3758, 0.3491



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.



26.6521, 0.5870, 0.3616



24.7984, 0.6116, 0.3526



58.2397, 0.4674, 0.4609



17.9200, 0.3288, 0.3349



12.7745, 0.6087, 0.3549



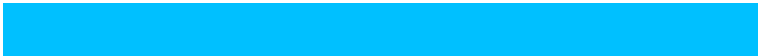
1.3425, 0.5859, 0.3730

Inverse Universe

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



46.7471, 0.2055, 0.2546



44.9851, 0.2015, 0.2455



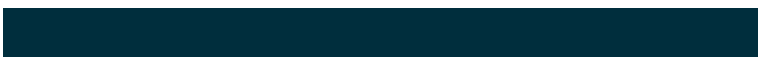
13.8269, 0.1652, 0.1074



18.8413, 0.2980, 0.3230



23.0640, 0.2020, 0.2471



2.3021, 0.2050, 0.2580

Previews

White Background



This preview shows how the Yxy color 26.6505, 0.5870, 0.3616 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 26.6505, 0.5870, 0.3616 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 26.6505, 0.5870, 0.3616

Background



This preview shows how black text looks on a background with the Yxy color 26.6505, 0.5870, 0.3616.



This preview shows how white text looks on a background with the Yxy color 26.6505, 0.5870, 0.3616.

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

26.6505, 0.5870, 0.3616

Protanopia

26.8701, 0.4263, 0.4703

Deuteranopia

26.6339, 0.4719, 0.4635



Tritanopia

26.6307, 0.5462, 0.3265

Trichromacy



Original Color

26.6505, 0.5870, 0.3616

Protanomaly

24.8917, 0.4937, 0.4235

Deuteranomaly

25.4030, 0.5226, 0.4197

Tritanomaly

26.6577, 0.5661, 0.3426

Monochromacy



Original Color

26.6505, 0.5870, 0.3616

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

20.6438, 0.4265, 0.3610

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6505, 0.5870, 0.3616 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(252, 81, 25)` looks like.

```
.text, #text, p{  
    color:rgb(252, 81, 25)  
}
```

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(252, 81, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 81, 25) }
```

Border

The CSS property to change the border of an element to Yxy 26.6505, 0.5870, 0.3616 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(252, 81, 25) }
```

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

```
.border{ border-color:rgb(252, 81, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 81, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 81, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 81, 25);  
box-shadow:4px 4px 4px 4px rgb(252, 81,  
25) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6505, 0.5870, 0.3616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 81, 25) }
```

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

```
.background{ background-color: rgb(252, 81,  
25) }
```

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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