

Converting Colors

$Y_{xy}(26.7719, 0.5940, 0.3659)$

Have a look what the booklet for
Yxy(26.7719, 0.5940, 0.3659)
contains.

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Color

Yxy(26.7719, 0.5940, 0.3659)

Conversions

Conversions Part 1

Format	Color
Hex	FD5102
RGB	253, 81, 2
RGB Percent	99%, 32%, 1%
CMY	0.0078, 0.6823, 0.9922
CMYK	0.00, 0.68, 0.99, 0.01
HSL	19°, 98%, 50%
HSV	19°, 99%, 99%
XYZ	43.4614, 26.7719, 2.9340
YIQ	123.4220, 127.8710, 11.8950

Conversions

Conversions Part 2

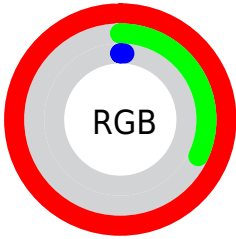
Format	Color
RYB	253, 117, 2
Decimal	16601346
CIELab	58.76, 62.95, 68.94
CIElCh	59, 93.358, 47.600
Yxy	26.7719, 0.5940, 0.3659
Android (android.graphics.Color)	4294791426 (0xFFFD5102)
YUV	123.4220, -59.8610, 113.6399
Hunter-Lab	51.7416, 59.3868, 32.8571

Details

The Yxy color **26.7719, 0.5940, 0.3659** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated red. A complement of this color would be **37.3701, 0.1950, 0.2216**, and the grayscale version is **20.1263, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.8303, 0.5066, 0.3933**, and **10.5865, 0.6397, 0.3303** is the 20% darker color. If you saturate the color by 10%, you get **26.5679, 0.5958, 0.3651**, and if you desaturate by 10%, it is **29.7635, 0.5689, 0.3754**.

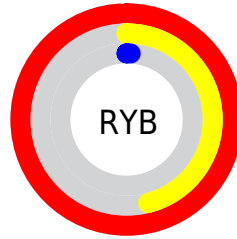
Distribution



Red (99%)

Green (32%)

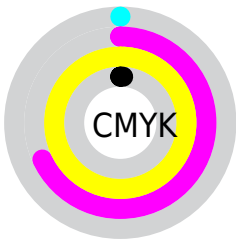
Blue (1%)



Red (99%)

Yellow (46%)

Blue (1%)

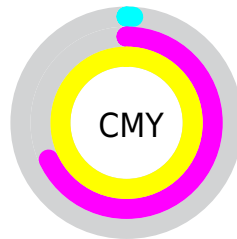


Cyan (0%)

Magenta (68%)

Yellow (99%)

Black (1%)



Cyan (1%)


Magenta (68%)

Yellow (99%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.7719, 0.5940, 0.3659 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 26.7719, 0.5940, 0.3659 by changing the saturation by 10% instead.


 26.7719, 0.5940,
0.3659


 26.7719, 0.5940,
0.3659


286.5510, 0.4543,
0.3705


 17.4020, 0.6225,
0.3558


 54.5176, 0.5469,
0.3743


 10.5215, 0.6589,
0.3411

 73.6622, 0.5279,
0.3755

 5.7461, 0.6892,
0.3108


 96.8338, 0.5113,
0.3756

 2.6913, 0.7313,
0.2687

 124.4169, 0.4969,
0.3750

 0.9728, 0.7925,
0.2075

 156.7957, 0.4842,
0.3741

 0.0000, 1.0000,
0.0000


 194.3547, 0.4730,

 0.0000, 0.0000,


0.3730


0.0000


 237.4784, 0.4631,
0.3718


 26.7719, 0.5940,
0.3659


 26.7719, 0.5940,
0.3659

 26.5679, 0.5958,
0.3651

 29.7635, 0.5689,
0.3754

 33.5536, 0.5368,
0.3804

 38.2111, 0.5007,
0.3806

 43.7915, 0.4640,
0.3768

 50.3447, 0.4294,
0.3703

■ 57.9170, 0.3982,
0.3622

■ 66.5513, 0.3711,
0.3535

■ 76.2878, 0.3478,
0.3447

■ 87.1649, 0.3281,
0.3363

Harmonies

Analogous

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



26.7719, 0.5653, 0.2862



26.7719, 0.5940, 0.3659



26.7719, 0.5260, 0.4618

Triad

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



26.7719, 0.5940, 0.3659



26.7719, 0.1747, 0.4985



26.7719, 0.1634, 0.1337

Complementary

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



26.7719, 0.5940, 0.3659



37.3701, 0.1950, 0.2216

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.



26.7719, 0.1088, 0.1388



26.7719, 0.5940, 0.3659



26.7719, 0.1082, 0.3001

Square

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



26.7719, 0.5940, 0.3659



26.7719, 0.2872, 0.6221



26.7719, 0.0912, 0.1841



26.7719, 0.2703, 0.1590

Rectangle

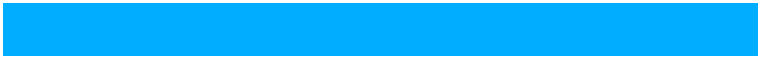
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



26.7719, 0.5940, 0.3659



26.7719, 0.4525, 0.5353



26.7719, 0.0912, 0.1841



26.7719, 0.1403, 0.1319

Sweetspot

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



26.7735, 0.5940, 0.3659



67.0094, 0.3731, 0.3542



24.1280, 0.4158, 0.2067



13.5284, 0.3842, 0.3579



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.



26.7735, 0.5940, 0.3659



27.0376, 0.5959, 0.3651



63.5035, 0.4601, 0.4725



18.9201, 0.3286, 0.3365



14.3621, 0.5929, 0.3674



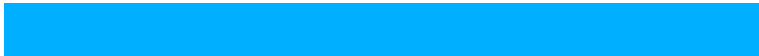
1.5844, 0.5708, 0.3849

Inverse Universe

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



37.3701, 0.1950, 0.2216



37.7732, 0.1946, 0.2206



9.5782, 0.1552, 0.0783



19.4602, 0.2980, 0.3213



20.0170, 0.1952, 0.2226



2.1450, 0.1989, 0.2361

Previews

White Background



This preview shows how the Yxy color 26.7719, 0.5940, 0.3659 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 26.7719, 0.5940, 0.3659 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 26.7719, 0.5940, 0.3659

Background



This preview shows how black text looks on a background with the Yxy color 26.7719, 0.5940, 0.3659.



This preview shows how white text looks on a background with the Yxy color 26.7719, 0.5940, 0.3659.

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

26.7719, 0.5940, 0.3659

Protanopia

26.8987, 0.4335, 0.4785

Deuteranopia

26.9117, 0.4705, 0.4646



Tritanopia

26.8042, 0.5480, 0.3274

Trichromacy



Original Color

26.7719, 0.5940, 0.3659

Protanomaly

24.9459, 0.5024, 0.4310

Deuteranomaly

25.3855, 0.5244, 0.4214

Tritanomaly

26.7586, 0.5745, 0.3479

Monochromacy



Original Color

26.7719, 0.5940, 0.3659

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

19.8357, 0.4391, 0.3730

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7719, 0.5940, 0.3659 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(253, 81, 2)` looks like.

```
.text, #text, p{  
    color:rgb(253, 81, 2)  
}
```

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(253, 81, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 81, 2) }
```

Border

The CSS property to change the border of an element to Yxy 26.7719, 0.5940, 0.3659 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(253, 81, 2) }
```

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

```
.border{ border-color:rgb(253, 81, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 81, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 81, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 81, 2);  
box-shadow:4px 4px 4px 4px rgb(253, 81, 2)  
}
```


Background

The CSS property to change the background color of an element to Yxy 26.7719, 0.5940, 0.3659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 81, 2) }
```

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

```
.background{ background-color: rgb(253, 81,  
2) }
```

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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