

Converting Colors

Yxy(25.4247, 0.5999, 0.3509)

Have a look what the booklet for
Yxy(25.4247, 0.5999, 0.3509)
contains.

Yxy(25.4688, 0.5994, 0.3510)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.4688, 0.5994, 0.3510)

Conversions

Conversions Part 1

Format	Color
Hex	FF441A
RGB	255, 68, 26
RGB Percent	100%, 27%, 10%
CMY	0.0000, 0.7333, 0.8982
CMYK	0.00, 0.73, 0.90, 0.00
HSL	11°, 100%, 55%
HSV	11°, 90%, 100%
XYZ	43.4929, 25.4688, 3.5990
YIQ	119.1250, 124.9340, 26.5820

Conversions

Conversions Part 2

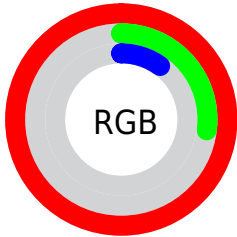
Format	Color
RYB	255, 77, 26
Decimal	16729114
CIELab	57.53, 68.36, 62.59
CIELCh	58, 92.686, 42.476
Yxy	25.4688, 0.5994, 0.3510
Android (android.graphics.Color)	4294919194 (0xFFFF441A)
YUV	119.1250, -45.9106, 119.1624
Hunter-Lab	50.4666, 65.5173, 31.0984

Details

The Yxy color **25.4688, 0.5994, 0.3510** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **55.0021, 0.2110, 0.2747**, and the grayscale version is **18.6097, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.2484, 0.5068, 0.3750**, and **10.8188, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **23.3096, 0.6228, 0.3435**, and if you desaturate by 10%, it is **28.6201, 0.5651, 0.3562**.

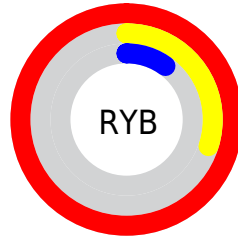
Distribution



Red (100%)

Green (27%)

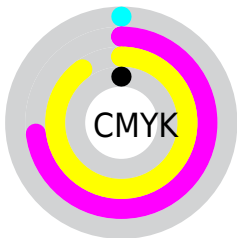
Blue (10%)



Red (100%)

Yellow (30%)

Blue (10%)

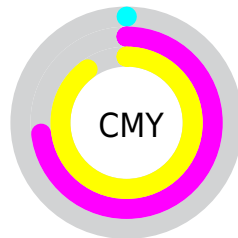


Cyan (0%)

Magenta (73%)

Yellow (90%)

Black (0%)



Cyan (0%)


Magenta (73%)


Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.4688, 0.5994, 0.3510 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 25.4688, 0.5994, 0.3510 by changing the saturation by 10% instead.


 25.4688, 0.5994,
0.3510


 25.4688, 0.5994,
0.3510

280.1646, 0.4534,
0.3613

 16.4267, 0.6308,
0.3401


 52.4167, 0.5489,
0.3610


 9.8266, 0.6710,
0.3241


 71.0913, 0.5289,
0.3629

 5.2841, 0.7071,
0.2929

 93.7456, 0.5117,
0.3637

 2.4149, 0.7523,
0.2477

 120.7638, 0.4968,
0.3638

 0.8335, 0.8170,
0.1830

 152.5304, 0.4838,
0.3635


 0.0000, 1.0000,
0.0000


 189.4298, 0.4724,


 0.0000, 0.0000,


0.3629


0.0000

 231.8464, 0.4623,
0.3622

 25.4688, 0.5994,
0.3510


 25.4688, 0.5994,
0.3510


 23.3096, 0.6228,
0.3435


 28.6201, 0.5651,
0.3562

 23.2779, 0.6232,
0.3434

 32.8722, 0.5241,
0.3580

 38.3193, 0.4815,
0.3568

 45.0439, 0.4414,
0.3535

 53.1212, 0.4059,
0.3489

■ 62.6203, 0.3756,
0.3438

■ 73.6056, 0.3504,
0.3386

■ 86.1374, 0.3296,
0.3336

99.9996, 0.3127,
0.3290

Harmonies

Analogous

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



25.4688, 0.5503, 0.2725



25.4688, 0.5994, 0.3510



25.4688, 0.5432, 0.4437

Triad

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



25.4688, 0.5994, 0.3510



25.4688, 0.1903, 0.5339



25.4688, 0.1498, 0.1312

Complementary

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



25.4688, 0.5994, 0.3510



55.0021, 0.2110, 0.2747

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.



25.4688, 0.1023, 0.1420



25.4688, 0.5994, 0.3510



25.4688, 0.1141, 0.3293

Square

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



25.4688, 0.5994, 0.3510



25.4688, 0.3075, 0.6259



25.4688, 0.0901, 0.1966



25.4688, 0.2472, 0.1515

Rectangle

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



25.4688, 0.5994, 0.3510



25.4688, 0.4733, 0.5173



25.4688, 0.0901, 0.1966



25.4688, 0.1294, 0.1311

Sweetspot

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



25.4703, 0.5994, 0.3510



65.5620, 0.3681, 0.3423



26.8015, 0.3679, 0.1839



13.2731, 0.3773, 0.3441



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.



25.4703, 0.5994, 0.3510



23.2784, 0.6232, 0.3434



54.9835, 0.4784, 0.4516



18.5263, 0.3290, 0.3334



12.3175, 0.6209, 0.3452



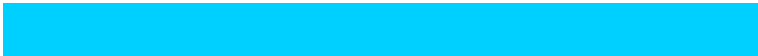
1.3375, 0.6009, 0.3611

Inverse Universe

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



55.0021, 0.2110, 0.2747



52.4213, 0.2078, 0.2679



16.2673, 0.1687, 0.1199



19.8809, 0.2980, 0.3245



27.5958, 0.2081, 0.2690



2.8274, 0.2102, 0.2766

Previews

White Background



This preview shows how the Yxy color 25.4688, 0.5994, 0.3510 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 25.4688, 0.5994, 0.3510 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 25.4688, 0.5994, 0.3510

Background



This preview shows how black text looks on a background with the Yxy color 25.4688, 0.5994, 0.3510.



This preview shows how white text looks on a background with the Yxy color 25.4688, 0.5994, 0.3510.

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

25.4688, 0.5994, 0.3510

Protanopia

25.6082, 0.4231, 0.4673

Deuteranopia

25.3466, 0.4718, 0.4636



Tritanopia

25.4458, 0.5697, 0.3284

Trichromacy



Original Color

25.4688, 0.5994, 0.3510

Protanomaly

23.0202, 0.4998, 0.4149

Deuteranomaly

23.5822, 0.5308, 0.4129

Tritanomaly

25.4044, 0.5837, 0.3385

Monochromacy



Original Color

25.4688, 0.5994, 0.3510

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

18.0951, 0.4352, 0.3524

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4688, 0.5994, 0.3510 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, 68, 26)` looks like.

```
.text, #text, p{  
    color:rgb(255, 68, 26)  
}
```

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, 68, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 68, 26) }
```

Border

The CSS property to change the border of an element to Yxy 25.4688, 0.5994, 0.3510 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, 68, 26) }
```

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

```
.border{ border-color:rgb(255, 68, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 68, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 68, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 68, 26);  
box-shadow:4px 4px 4px 4px rgb(255, 68,  
26) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4688, 0.5994, 0.3510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 68, 26) }
```

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

```
.background{ background-color: rgb(255, 68,  
26) }
```

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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