

Converting Colors

$Y_{xy}(24.4332, 0.6082, 0.3541)$

Have a look what the booklet for
Yxy(24.4332, 0.6082, 0.3541)
contains.

Yxy(24.4826, 0.6083, 0.3542)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.4826, 0.6083, 0.3542)

Conversions

Conversions Part 1

Format	Color
Hex	FC4103
RGB	252, 65, 3
RGB Percent	99%, 25%, 1%
CMY	0.0118, 0.7449, 0.9887
CMYK	0.00, 0.74, 0.99, 0.01
HSL	15°, 98%, 50%
HSV	15°, 99%, 99%
XYZ	42.0462, 24.4826, 2.5920
YIQ	113.8450, 131.3540, 20.3620

Conversions

Conversions Part 2

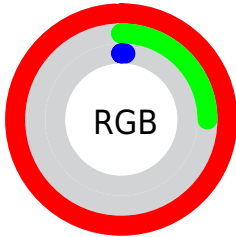
Format	Color
RYB	252, 86, 3
Decimal	16531715
CIELab	56.57, 68.19, 67.58
CIElCh	57, 96.004, 44.746
Yxy	24.4826, 0.6083, 0.3542
Android (android.graphics.Color)	4294721795 (0xFFFC4103)
YUV	113.8450, -54.6466, 121.1619
Hunter-Lab	49.4799, 65.0930, 31.5300

Details

The Yxy color **24.4826, 0.6083, 0.3542** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **43.7908, 0.2017, 0.2455**, and the grayscale version is **16.9179, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.2974, 0.5208, 0.3819**, and **10.4391, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **24.2345, 0.6108, 0.3532**, and if you desaturate by 10%, it is **27.1098, 0.5828, 0.3631**.

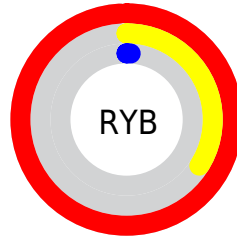
Distribution



Red (99%)

Green (25%)

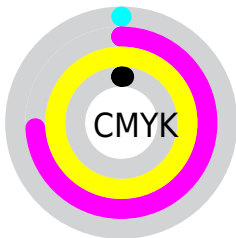
Blue (1%)



Red (99%)

Yellow (34%)

Blue (1%)

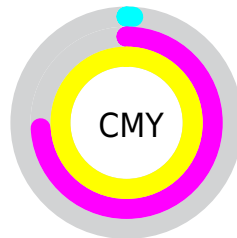


Cyan (0%)

Magenta (74%)

Yellow (99%)

Black (1%)



Cyan (1%)


Magenta (74%)


Yellow (99%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.4826, 0.6083, 0.3542 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 24.4826, 0.6083, 0.3542 by changing the saturation by 10% instead.


 24.4826, 0.6083,
0.3542


 24.4826, 0.6083,
0.3542

275.2513, 0.4597,
0.3661


 15.6920, 0.6388,
0.3418


 50.8166, 0.5580,
0.3657


 9.3065, 0.6767,
0.3233

 69.1288, 0.5377,
0.3679


 4.9416, 0.7104,
0.2896

 91.3836, 0.5200,
0.3688

 2.2130, 0.7571,
0.2429

 117.9655, 0.5047,
0.3689

 0.7271, 0.8257,
0.1743

 149.2588, 0.4913,
0.3685


 0.0000, 1.0000,
0.0000


 185.6480, 0.4794,


 0.0000, 0.0000,

0.3679


0.0000


 227.5173, 0.4690,
0.3670


 24.4826, 0.6083,
0.3542

 24.4826, 0.6083,
0.3542


 24.2345, 0.6108,
0.3532

 27.1098, 0.5828,
0.3631

 30.6251, 0.5486,
0.3683

 35.1124, 0.5096,
0.3692

 40.6412, 0.4700,
0.3666

 47.2740, 0.4329,
0.3616

■ 55.0681, 0.3999,
0.3552

■ 64.0768, 0.3715,
0.3483

■ 74.3500, 0.3476,
0.3413

■ 85.9345, 0.3276,
0.3346

Harmonies

Analogous

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



24.4826, 0.5694, 0.2747



24.4826, 0.6083, 0.3542



24.4826, 0.5420, 0.4517

Triad

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



24.4826, 0.6083, 0.3542



24.4826, 0.1758, 0.5305



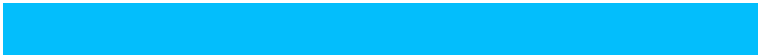
24.4826, 0.1499, 0.1258

Complementary

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



24.4826, 0.6083, 0.3542



43.7908, 0.2017, 0.2455

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.



24.4826, 0.0987, 0.1337



24.4826, 0.6083, 0.3542



24.4826, 0.1036, 0.3135

Square

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



24.4826, 0.6083, 0.3542



24.4826, 0.2934, 0.6408



24.4826, 0.0837, 0.1841



24.4826, 0.2542, 0.1487

Rectangle

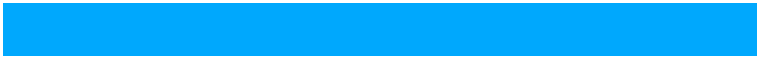
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



24.4826, 0.6083, 0.3542



24.4826, 0.4667, 0.5305



24.4826, 0.0837, 0.1841



24.4826, 0.1280, 0.1249

Sweetspot

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



24.4841, 0.6083, 0.3542



64.6965, 0.3746, 0.3491



24.6429, 0.3909, 0.1931



12.9921, 0.3862, 0.3520



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.



24.4841, 0.6083, 0.3542



24.8864, 0.6109, 0.3531



55.6280, 0.4761, 0.4596



17.9289, 0.3288, 0.3350



12.8211, 0.6080, 0.3554



1.3479, 0.5852, 0.3736

Inverse Universe

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



43.7908, 0.2017, 0.2455



44.6383, 0.2012, 0.2443



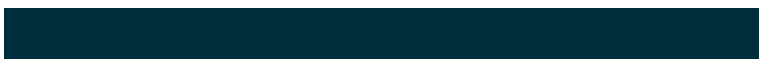
11.3394, 0.1589, 0.0912



18.8318, 0.2980, 0.3229



22.8899, 0.2017, 0.2460



2.2873, 0.2047, 0.2571

Previews

White Background



This preview shows how the Yxy color 24.4826, 0.6083, 0.3542 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 24.4826, 0.6083, 0.3542 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 24.4826, 0.6083, 0.3542

Background



This preview shows how black text looks on a background with the Yxy color 24.4826, 0.6083, 0.3542.



This preview shows how white text looks on a background with the Yxy color 24.4826, 0.6083, 0.3542.

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

24.4826, 0.6083, 0.3542

Protanopia

24.4693, 0.4316, 0.4765

Deuteranopia

24.4712, 0.4714, 0.4639



Tritanopia

24.5679, 0.5767, 0.3291

Trichromacy



Original Color

24.4826, 0.6083, 0.3542

Protanomaly

22.0212, 0.5111, 0.4217

Deuteranomaly

22.7278, 0.5332, 0.4144

Tritanomaly

24.4880, 0.5946, 0.3416

Monochromacy



Original Color

24.4826, 0.6083, 0.3542

Achromatopsia

16.8269, 0.3127, 0.3290

Achromatomaly

16.7527, 0.4496, 0.3634

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.4826, 0.6083, 0.3542 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, 65, 3)` looks like.

```
.text, #text, p{  
    color:rgb(252, 65, 3)  
}
```

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, 65, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 65, 3) }
```

Border

The CSS property to change the border of an element to Yxy 24.4826, 0.6083, 0.3542 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, 65, 3) }
```

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

```
.border{ border-color:rgb(252, 65, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 65, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 65, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 65, 3);  
box-shadow:4px 4px 4px 4px rgb(252, 65, 3)  
}
```


Background

The CSS property to change the background color of an element to Yxy 24.4826, 0.6083, 0.3542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 65, 3) }
```

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

```
.background{ background-color: rgb(252, 65,  
3) }
```

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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