

Converting Colors

$Y_{xy}(24.6542, 0.6109, 0.3505)$

Have a look what the booklet for
Yxy(24.6542, 0.6109, 0.3505)
contains.

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Color

Yxy(24.6150, 0.6111, 0.3502)

Conversions

Conversions Part 1

Format	Color
Hex	FF3D08
RGB	255, 61, 8
RGB Percent	100%, 24%, 3%
CMY	0.0000, 0.7607, 0.9682
CMYK	0.00, 0.76, 0.97, 0.00
HSL	13°, 100%, 52%
HSV	13°, 97%, 100%
XYZ	42.9532, 24.6150, 2.7202
YIQ	112.9640, 132.6370, 24.6450

Conversions

Conversions Part 2

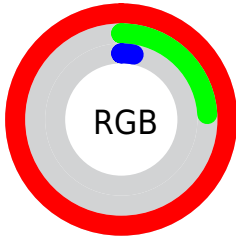
Format	Color
RYB	255, 75, 8
Decimal	16727304
CIELab	56.70, 70.34, 66.88
CIElCh	57, 97.059, 43.553
Yxy	24.6150, 0.6111, 0.3502
Android (android.graphics.Color)	4294917384 (0xFFFF3D08)
YUV	112.9640, -51.7473, 124.5656
Hunter-Lab	49.6135, 67.7140, 31.4788

Details

The Yxy color **24.6150, 0.6111, 0.3502** 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 **49.5606, 0.2058, 0.2595**, and the grayscale version is **16.6350, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.8193, 0.5212, 0.3787**, and **10.6914, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **23.9580, 0.6179, 0.3476**, and if you desaturate by 10%, it is **27.2653, 0.5841, 0.3581**.

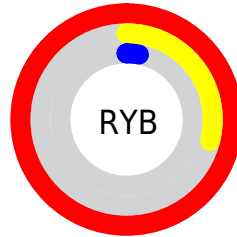
Distribution



Red (100%)

Green (24%)

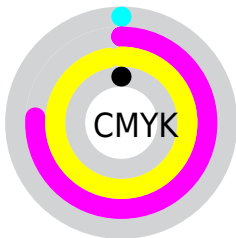
Blue (3%)



Red (100%)

Yellow (29%)

Blue (3%)

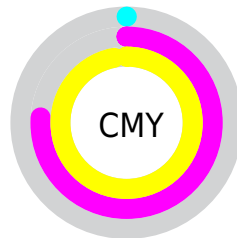


Cyan (0%)

Magenta (76%)

Yellow (97%)

Black (0%)



Cyan (0%)


Magenta (76%)


Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.6150, 0.6111, 0.3502 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 24.6150, 0.6111, 0.3502 by changing the saturation by 10% instead.


 24.6150, 0.6111,
0.3502


 24.6150, 0.6111,
0.3502


275.9151, 0.4609,
0.3640


 15.7905, 0.6421,
0.3375


 51.0319, 0.5601,
0.3623


 9.3760, 0.6810,
0.3190


 69.3931, 0.5396,
0.3647


 4.9872, 0.7151,
0.2849

 91.7020, 0.5218,
0.3659

 2.2398, 0.7620,
0.2380

 118.3429, 0.5063,
0.3662

 0.7415, 0.8299,
0.1701

 149.7003, 0.4927,
0.3660


 0.0000, 1.0000,
0.0000


 186.1585, 0.4808,


 0.0000, 0.0000,


0.3655

0.0000


 228.1020, 0.4703,
0.3648


 24.6150, 0.6111,
0.3502


 24.6150, 0.6111,
0.3502


 23.9580, 0.6179,
0.3476

 27.2653, 0.5841,
0.3581

 30.9007, 0.5477,
0.3625

 35.6138, 0.5068,
0.3630

 41.4843, 0.4659,
0.3605

 48.5839, 0.4282,
0.3560

■ 56.9783, 0.3951,
0.3504

■ 66.7285, 0.3670,
0.3444

■ 77.8916, 0.3435,
0.3384

■ 90.5212, 0.3240,
0.3327

Harmonies

Analogous

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



24.6150, 0.5673, 0.2710



24.6150, 0.6111, 0.3502



24.6150, 0.5469, 0.4472

Triad

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



24.6150, 0.6111, 0.3502



24.6150, 0.1786, 0.5410



24.6150, 0.1459, 0.1244

Complementary

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



24.6150, 0.6111, 0.3502



49.5606, 0.2058, 0.2595

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.



24.6150, 0.0964, 0.1336



24.6150, 0.6111, 0.3502



24.6150, 0.1040, 0.3205

Square

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



24.6150, 0.6111, 0.3502



24.6150, 0.2976, 0.6433



24.6150, 0.0826, 0.1862



24.6150, 0.2482, 0.1462

Rectangle

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



24.6150, 0.6111, 0.3502



24.6150, 0.4722, 0.5265



24.6150, 0.0826, 0.1862



24.6150, 0.1246, 0.1239

Sweetspot

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



24.6165, 0.6111, 0.3502



64.4830, 0.3727, 0.3457



25.8740, 0.3780, 0.1866



12.9033, 0.3846, 0.3483



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.



24.6165, 0.6111, 0.3502



23.9581, 0.6179, 0.3476



54.2985, 0.4826, 0.4534



18.6177, 0.3289, 0.3342



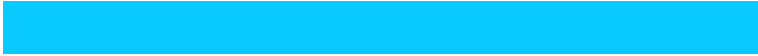
12.6932, 0.6153, 0.3496



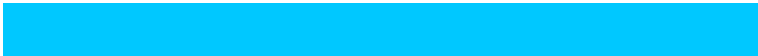
1.3866, 0.5944, 0.3662

Inverse Universe

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



49.5606, 0.2058, 0.2595



48.6967, 0.2047, 0.2570



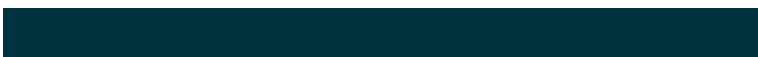
13.3339, 0.1622, 0.1021



19.7819, 0.2980, 0.3238



25.6722, 0.2051, 0.2584



2.6563, 0.2076, 0.2673

Previews

White Background



This preview shows how the Yxy color 24.6150, 0.6111, 0.3502 looks on a white background.

Color Contrast Check

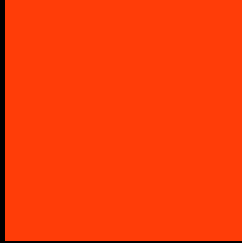
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.6150, 0.6111, 0.3502 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 24.6150, 0.6111, 0.3502

Background



This preview shows how black text looks on a background with the Yxy color 24.6150, 0.6111, 0.3502.



This preview shows how white text looks on a background with the Yxy color 24.6150, 0.6111, 0.3502.

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

24.6150, 0.6111, 0.3502

Protanopia

24.7626, 0.4295, 0.4763

Deuteranopia

24.7359, 0.4699, 0.4651



Tritanopia

24.6019, 0.5826, 0.3292

Trichromacy



Original Color

24.6150, 0.6111, 0.3502

Protanomaly

21.9463, 0.5122, 0.4185

Deuteranomaly

22.6663, 0.5350, 0.4121

Tritanomaly

24.5411, 0.5982, 0.3399

Monochromacy



Original Color

24.6150, 0.6111, 0.3502

Achromatopsia

16.5132, 0.3127, 0.3290

Achromatomaly

16.5127, 0.4515, 0.3586

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.6150, 0.6111, 0.3502 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, 61, 8)` looks like.

```
.text, #text, p{  
    color:rgb(255, 61, 8)  
}
```

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, 61, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 61, 8) }
```

Border

The CSS property to change the border of an element to Yxy 24.6150, 0.6111, 0.3502 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, 61, 8) }
```

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

```
.border{ border-color:rgb(255, 61, 8) }
```

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

Here you see how a box with a 4 pixel rgb(255, 61, 8) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 61, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 61, 8);  
box-shadow:4px 4px 4px 4px rgb(255, 61, 8)  
}
```


Background

The CSS property to change the background color of an element to Yxy 24.6150, 0.6111, 0.3502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 61, 8) }
```

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

```
.background{ background-color: rgb(255, 61,  
8) }
```

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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