

Converting Colors

Yxy(24.2969, 0.6079, 0.3443)

Have a look what the booklet for
Yxy(24.2969, 0.6079, 0.3443)
contains.

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Color

Yxy(24.2564, 0.6084, 0.3442)

Conversions

Conversions Part 1

Format	Color
Hex	FF3919
RGB	255, 57, 25
RGB Percent	100%, 22%, 10%
CMY	0.0001, 0.7763, 0.9021
CMYK	0.00, 0.78, 0.90, 0.00
HSL	8°, 100%, 55%
HSV	8°, 90%, 100%
XYZ	42.8751, 24.2564, 3.3404
YIQ	112.5540, 128.2800, 32.0240

Conversions

Conversions Part 2

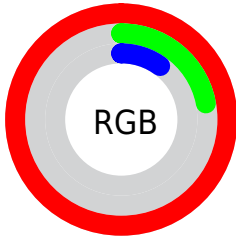
Format	Color
R_{YB}	255, 62, 25
Decimal	16726297
CIE _{Lab}	56.34, 71.64, 62.12
CIE _{LCh}	56, 94.821, 40.930
Yxy	24.2564, 0.6084, 0.3442
Android (android.graphics.Color)	4294916377 (0xFFFF3919)
YUV	112.5540, -43.1641, 124.9251
Hunter-Lab	49.2508, 69.2035, 30.4543

Details

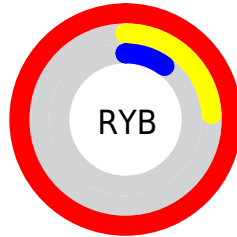
The Yxy color **24.2564, 0.6084, 0.3442** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **60.1586, 0.2146, 0.2881**, and the grayscale version is **16.4812, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.2147, 0.5157, 0.3687**, and **10.6914, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **22.4921, 0.6295, 0.3383**, and if you desaturate by 10%, it is **27.0817, 0.5746, 0.3488**.

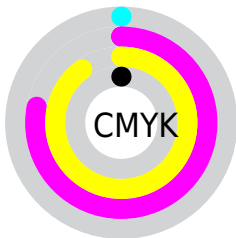
Distribution



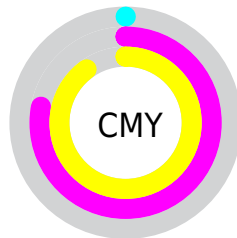
- Red (100%)
- Green (22%)
- Blue (10%)



- Red (100%)
- Yellow (24%)
- Blue (10%)



- Cyan (0%)
- Magenta (78%)
- Yellow (90%)
- Black (0%)





- Cyan (0%)
- Magenta (78%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.2564, 0.6084, 0.3442 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 24.2564, 0.6084, 0.3442 by changing the saturation by 10% instead.


 24.2564, 0.6084,
0.3442


 24.2564, 0.6084,
0.3442


274.1142, 0.4570,
0.3589


 15.5239, 0.6410,
0.3319


 50.4483, 0.5560,
0.3561

 9.1879, 0.6840,
0.3147


 68.6765, 0.5352,
0.3586

 4.8640, 0.7196,
0.2804

 90.8387, 0.5174,
0.3598

 2.1677, 0.7673,
0.2327

 117.3194, 0.5019,
0.3603

 0.7023, 0.8368,
0.1632

 148.5029, 0.4884,
0.3603


 0.0000, 1.0000,
0.0000


 184.7736, 0.4766,

 0.0000, 0.0000,

0.3600

0.0000

 226.5159, 0.4662,
0.3595

 24.2564, 0.6084,
0.3442


 24.2564, 0.6084,
0.3442

 22.4921, 0.6295,
0.3383

 27.0817, 0.5746,
0.3488

 31.0724, 0.5326,
0.3507

 36.3407, 0.4882,
0.3501

 42.9838, 0.4463,
0.3478

 51.0896, 0.4092,
0.3443

60.7386, 0.3778,
0.3404

72.0054, 0.3518,
0.3365

84.9598, 0.3304,
0.3326

99.6673, 0.3130,
0.3291

Harmonies

Analogous

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



24.2564, 0.5530, 0.2657



24.2564, 0.6084, 0.3442



24.2564, 0.5528, 0.4377

Triad

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



24.2564, 0.6084, 0.3442



24.2564, 0.1904, 0.5536



24.2564, 0.1419, 0.1262

Complementary

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



24.2564, 0.6084, 0.3442



60.1586, 0.2146, 0.2881

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.



24.2564, 0.0962, 0.1385



24.2564, 0.6084, 0.3442



24.2564, 0.1109, 0.3380

Square

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



24.2564, 0.6084, 0.3442



24.2564, 0.3105, 0.6361



24.2564, 0.0853, 0.1963



24.2564, 0.2380, 0.1452

Rectangle

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



24.2564, 0.6084, 0.3442



24.2564, 0.4819, 0.5146



24.2564, 0.0853, 0.1963



24.2564, 0.1221, 0.1266

Sweetspot

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



24.2579, 0.6084, 0.3442



64.1780, 0.3689, 0.3392



27.3508, 0.3541, 0.1758



12.9554, 0.3784, 0.3405



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.



24.2579, 0.6084, 0.3442



22.4947, 0.6295, 0.3383



50.3211, 0.4908, 0.4418



18.3953, 0.3291, 0.3324



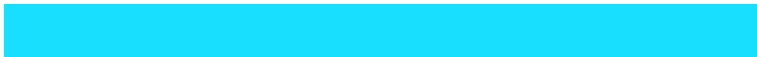
11.8773, 0.6276, 0.3399



1.2746, 0.6097, 0.3541

Inverse Universe

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



60.1586, 0.2146, 0.2881



58.1184, 0.2120, 0.2833



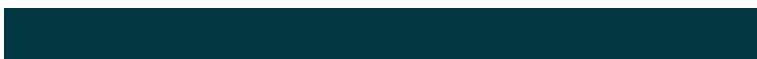
18.4296, 0.1720, 0.1323



20.0241, 0.2980, 0.3256



30.5344, 0.2123, 0.2841



3.0867, 0.2138, 0.2897

Previews

White Background



This preview shows how the Yxy color 24.2564, 0.6084, 0.3442 looks on a white background.

Color Contrast Check

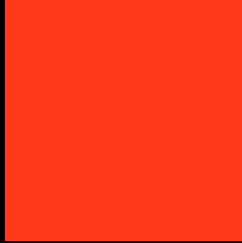
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.2564, 0.6084, 0.3442 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 24.2564, 0.6084, 0.3442

Background



This preview shows how black text looks on a background with the Yxy color 24.2564, 0.6084, 0.3442.



This preview shows how white text looks on a background with the Yxy color 24.2564, 0.6084, 0.3442.

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

24.2564, 0.6084, 0.3442

Protanopia

24.4581, 0.4228, 0.4660

Deuteranopia

24.3584, 0.4703, 0.4648



Tritanopia

24.2682, 0.5884, 0.3298

Trichromacy



Original Color

24.2564, 0.6084, 0.3442

Protanomaly

21.4616, 0.5066, 0.4093

Deuteranomaly

22.2768, 0.5363, 0.4084

Tritanomaly

24.2702, 0.5973, 0.3363

Monochromacy



Original Color

24.2564, 0.6084, 0.3442

Achromatopsia

16.5132, 0.3127, 0.3290

Achromatomaly

16.4221, 0.4432, 0.3480

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.2564, 0.6084, 0.3442 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, 57, 25)` looks like.

```
.text, #text, p{  
    color:rgb(255, 57, 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(255, 57, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 57, 25) }
```

Border

The CSS property to change the border of an element to Yxy 24.2564, 0.6084, 0.3442 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, 57, 25) }
```

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

```
.border{ border-color:rgb(255, 57, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 57, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 57, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 57, 25);  
box-shadow:4px 4px 4px 4px rgb(255, 57,  
25) }
```


Background

The CSS property to change the background color of an element to Yxy 24.2564, 0.6084, 0.3442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 57, 25) }
```

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

```
.background{ background-color: rgb(255, 57,  
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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