

Converting Colors

Yxy(24.1336, 0.6006, 0.3373)

Have a look what the booklet for
Yxy(24.1336, 0.6006, 0.3373)
contains.

Yxy(24.1456, 0.6009, 0.3375)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.1456, 0.6009, 0.3375)

Conversions

Conversions Part 1

Format	Color
Hex	FF3728
RGB	255, 55, 40
RGB Percent	100%, 22%, 16%
CMY	0.0000, 0.7843, 0.8429
CMYK	0.00, 0.78, 0.84, 0.00
HSL	4°, 100%, 58%
HSV	4°, 84%, 100%
XYZ	42.9899, 24.1456, 4.4070
YIQ	113.0900, 124.0150, 37.7350

Conversions

Conversions Part 2

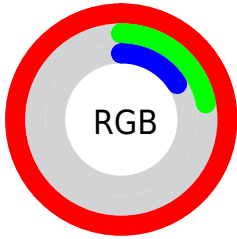
Format	Color
R_{YB}	255, 56, 40
Decimal	16725800
CIE _{Lab}	56.23, 72.46, 55.87
CIE _{LCh}	56, 91.496, 37.636
Yxy	24.1456, 0.6009, 0.3375
Android (android.graphics.Color)	4294915880 (0xFFFF3728)
YUV	113.0900, -36.0334, 124.4551
Hunter-Lab	49.1382, 70.1739, 29.0792

Details

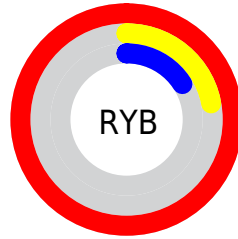
The Yxy color **24.1456, 0.6009, 0.3375** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **70.0157, 0.2221, 0.3104**, and the grayscale version is **16.6270, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.1749, 0.5043, 0.3573**, and **10.8188, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **22.2882, 0.6275, 0.3344**, and if you desaturate by 10%, it is **27.2023, 0.5613, 0.3394**.

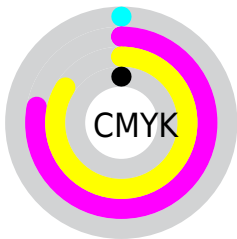
Distribution



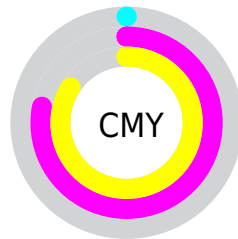
- Red (100%)
- Green (22%)
- Blue (16%)



- Red (100%)
- Yellow (22%)
- Blue (16%)



- Cyan (0%)
- Magenta (78%)
- Yellow (84%)
- Black (0%)




- Cyan (0%)
- Magenta (78%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.1456, 0.6009, 0.3375 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 24.1456, 0.6009, 0.3375 by changing the saturation by 10% instead.


 24.1456, 0.6009,
0.3375

 24.1456, 0.6009,
0.3375


273.5558, 0.4506,
0.3527


 15.4417, 0.6349,
0.3260


 50.2677, 0.5477,
0.3487

 9.1299, 0.6763,
0.3081


 68.4546, 0.5270,
0.3512


 4.8260, 0.7220,
0.2780

 90.5714, 0.5093,
0.3525

 2.1456, 0.7700,
0.2300

 117.0023, 0.4941,
0.3532

 0.6901, 0.8400,
0.1600

 148.1318, 0.4810,
0.3534

 0.0000, 1.0000,
0.0000

 184.3443, 0.4695,

 0.0000, 0.0000,

0.3533

0.0000

226.0241, 0.4595,
0.3531

■ 24.1456, 0.6009,
0.3375

■ 24.1456, 0.6009,
0.3375

■ 22.2882, 0.6275,
0.3344

■ 27.2023, 0.5613,
0.3394


■ 21.6843, 0.6364,
0.3329


■ 31.6104, 0.5152,
0.3398


■ 37.5039, 0.4693,
0.3391

■ 44.9999, 0.4277,
0.3376

■ 54.2035, 0.3922,
0.3356

 65.2110, 0.3628,
0.3336

 78.1115, 0.3390,
0.3316

 92.9880, 0.3198,
0.3298

99.9998, 0.3127,
0.3290

Harmonies

Analogous

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



24.1456, 0.5320, 0.2600



24.1456, 0.6009, 0.3375



24.1456, 0.5578, 0.4270

Triad

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



24.1456, 0.6009, 0.3375



24.1456, 0.2069, 0.5636



24.1456, 0.1387, 0.1301

Complementary

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



24.1456, 0.6009, 0.3375



70.0157, 0.2221, 0.3104

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.



24.1456, 0.0976, 0.1466



24.1456, 0.6009, 0.3375



24.1456, 0.1218, 0.3599

Square

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



24.1456, 0.6009, 0.3375



24.1456, 0.3272, 0.6231



24.1456, 0.0906, 0.2110



24.1456, 0.2270, 0.1456

Rectangle

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



24.1456, 0.6009, 0.3375



24.1456, 0.4924, 0.4996



24.1456, 0.0906, 0.2110



24.1456, 0.1207, 0.1317

Sweetspot

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



24.1471, 0.6009, 0.3375



64.3713, 0.3647, 0.3338



29.1122, 0.3353, 0.1688



12.9151, 0.3745, 0.3345



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.



24.1471, 0.6009, 0.3375



21.6845, 0.6364, 0.3329



47.2035, 0.4957, 0.4292



18.1899, 0.3293, 0.3307



11.4047, 0.6352, 0.3339



1.1779, 0.6242, 0.3426

Inverse Universe

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



70.0157, 0.2221, 0.3104



67.9349, 0.2185, 0.3067



24.5013, 0.1826, 0.1636



20.2522, 0.2980, 0.3273



35.5894, 0.2186, 0.3071



3.5276, 0.2194, 0.3097

Previews

White Background



This preview shows how the Yxy color 24.1456, 0.6009, 0.3375 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 24.1456, 0.6009, 0.3375 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 24.1456, 0.6009, 0.3375

Background



This preview shows how black text looks on a background with the Yxy color 24.1456, 0.6009, 0.3375.



This preview shows how white text looks on a background with the Yxy color 24.1456, 0.6009, 0.3375.

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

24.1456, 0.6009, 0.3375

Protanopia

24.1382, 0.4087, 0.4473

Deuteranopia

24.1160, 0.4697, 0.4611



Tritanopia

24.1647, 0.5900, 0.3298

Trichromacy



Original Color

24.1456, 0.6009, 0.3375

Protanomaly

21.2565, 0.4926, 0.3946

Deuteranomaly

21.9144, 0.5355, 0.4028

Tritanomaly

24.1201, 0.5945, 0.3326

Monochromacy



Original Color

24.1456, 0.6009, 0.3375

Achromatopsia

16.5132, 0.3127, 0.3290

Achromatomaly

16.3255, 0.4362, 0.3387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.1456, 0.6009, 0.3375 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, 55, 40)` looks like.

```
.text, #text, p{  
    color:rgb(255, 55, 40)  
}
```

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, 55, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 55, 40) }
```

Border

The CSS property to change the border of an element to Yxy 24.1456, 0.6009, 0.3375 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, 55, 40) }
```

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

```
.border{ border-color:rgb(255, 55, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 55, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 55, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 55, 40);  
box-shadow:4px 4px 4px 4px rgb(255, 55,  
40) }
```


Background

The CSS property to change the background color of an element to Yxy 24.1456, 0.6009, 0.3375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 55, 40) }
```

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

```
.background{ background-color: rgb(255, 55,  
40) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor