

Converting Colors

$Yxy(24.0619, 0.6040, 0.3388)$

Have a look what the booklet for
Yxy(24.0619, 0.6040, 0.3388)
contains.

Yxy(24.0257, 0.6043, 0.3386)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.0257, 0.6043, 0.3386)

Conversions

Conversions Part 1

Format	Color
Hex	FF3624
RGB	255, 54, 36
RGB Percent	100%, 21%, 14%
CMY	0.0000, 0.7882, 0.8586
CMYK	0.00, 0.79, 0.86, 0.00
HSL	5°, 100%, 57%
HSV	5°, 86%, 100%
XYZ	42.8787, 24.0257, 4.0516
YIQ	112.0470, 125.5740, 37.0140

Conversions

Conversions Part 2

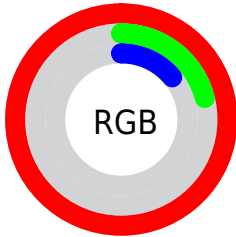
Format	Color
R_{YB}	255, 56, 36
Decimal	16725540
CIE _{Lab}	56.11, 72.64, 57.56
CIE _{LCh}	56, 92.684, 38.394
Yxy	24.0257, 0.6043, 0.3386
Android (android.graphics.Color)	4294915620 (0xFFFF3624)
YUV	112.0470, -37.4912, 125.3698
Hunter-Lab	49.0160, 70.3719, 29.4104

Details

The Yxy color **24.0257, 0.6043, 0.3386** 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 **68.1954, 0.2206, 0.3066**, and the grayscale version is **16.3060, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.8727, 0.5091, 0.3597**, and **10.8188, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **22.2424, 0.6290, 0.3349**, and if you desaturate by 10%, it is **26.9698, 0.5662, 0.3410**.

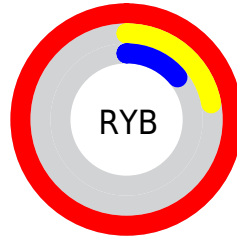
Distribution



Red (100%)

Green (21%)

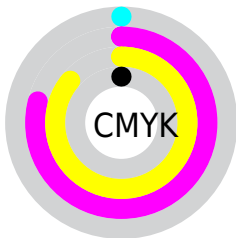
Blue (14%)



Red (100%)

Yellow (22%)

Blue (14%)

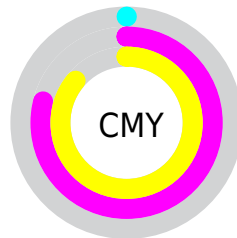


Cyan (0%)

Magenta (79%)

Yellow (86%)

Black (0%)



Cyan (0%)


Magenta (79%)

Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.0257, 0.6043, 0.3386 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 24.0257, 0.6043, 0.3386 by changing the saturation by 10% instead.


 24.0257, 0.6043,
0.3386


 24.0257, 0.6043,
0.3386


272.9504, 0.4528,
0.3541


 15.3527, 0.6381,
0.3267


 50.0721, 0.5510,
0.3502

 9.0673, 0.6801,
0.3087


 68.2143, 0.5302,
0.3527

 4.7851, 0.7229,
0.2771

 90.2817, 0.5123,
0.3541

 2.1217, 0.7711,
0.2289

 116.6587, 0.4970,
0.3548

 0.6768, 0.8419,
0.1581

 147.7297, 0.4837,
0.3550

 0.0000, 1.0000,
0.0000

 183.8790, 0.4721,

 0.0000, 0.0000,

0.3549

0.0000

225.4911, 0.4619,
0.3546

24.0257, 0.6043,
0.3386

24.0257, 0.6043,
0.3386

22.2424, 0.6290,
0.3349

26.9698, 0.5662,
0.3410

21.7928, 0.6355,
0.3336

31.2236, 0.5209,
0.3417

36.9180, 0.4751,
0.3410

44.1669, 0.4331,
0.3393

53.0729, 0.3969,
0.3372

63.7296, 0.3668,
0.3348

76.2239, 0.3423,
0.3324

90.6366, 0.3225,
0.3302

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



24.0257, 0.5383, 0.2608



24.0257, 0.6043, 0.3386



24.0257, 0.5576, 0.4292

Triad

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



24.0257, 0.6043, 0.3386



24.0257, 0.2022, 0.5635



24.0257, 0.1386, 0.1284

Complementary

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



24.0257, 0.6043, 0.3386



68.1954, 0.2206, 0.3066

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.



24.0257, 0.0964, 0.1438



24.0257, 0.6043, 0.3386



24.0257, 0.1182, 0.3549

Square

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



24.0257, 0.6043, 0.3386



24.0257, 0.3229, 0.6280



24.0257, 0.0884, 0.2067



24.0257, 0.2289, 0.1447

Rectangle

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



24.0257, 0.6043, 0.3386



24.0257, 0.4906, 0.5034



24.0257, 0.0884, 0.2067



24.0257, 0.1202, 0.1296

Sweetspot

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



24.0271, 0.6043, 0.3386



63.5647, 0.3672, 0.3348



28.8410, 0.3357, 0.1679



12.7737, 0.3770, 0.3356



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.



24.0271, 0.6043, 0.3386



21.7928, 0.6355, 0.3336



46.5737, 0.4989, 0.4291



18.2262, 0.3292, 0.3310



11.4699, 0.6341, 0.3347



1.1951, 0.6215, 0.3447

Inverse Universe

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



68.1954, 0.2206, 0.3066



66.1208, 0.2174, 0.3026



23.8117, 0.1811, 0.1604



20.2116, 0.2980, 0.3270



34.6560, 0.2175, 0.3031



3.4466, 0.2184, 0.3063

Previews

White Background



This preview shows how the Yxy color 24.0257, 0.6043, 0.3386 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 24.0257, 0.6043, 0.3386 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 24.0257, 0.6043, 0.3386

Background



This preview shows how black text looks on a background with the Yxy color 24.0257, 0.6043, 0.3386.



This preview shows how white text looks on a background with the Yxy color 24.0257, 0.6043, 0.3386.

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

24.0257, 0.6043, 0.3386

Protanopia

24.0975, 0.4120, 0.4522

Deuteranopia

23.9844, 0.4706, 0.4645



Tritanopia

24.0632, 0.5915, 0.3298

Trichromacy



Original Color

24.0257, 0.6043, 0.3386

Protanomaly

21.2212, 0.4964, 0.3983

Deuteranomaly

21.7539, 0.5373, 0.4056

Tritanomaly

24.0114, 0.5968, 0.3331

Monochromacy



Original Color

24.0257, 0.6043, 0.3386

Achromatopsia

16.2029, 0.3127, 0.3290

Achromatomaly

16.0148, 0.4389, 0.3403

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.0257, 0.6043, 0.3386 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, 54, 36)` looks like.

```
.text, #text, p{  
    color:rgb(255, 54, 36)  
}
```

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, 54, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 54, 36) }
```

Border

The CSS property to change the border of an element to Yxy 24.0257, 0.6043, 0.3386 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, 54, 36) }
```

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

```
.border{ border-color:rgb(255, 54, 36) }
```

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

Here you see how a box with a 4 pixel rgb(255, 54, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 54, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 54, 36);  
box-shadow:4px 4px 4px 4px rgb(255, 54,  
36) }
```


Background

The CSS property to change the background color of an element to Yxy 24.0257, 0.6043, 0.3386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 54, 36) }
```

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

```
.background{ background-color: rgb(255, 54,  
36) }
```

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