

Converting Colors

$Yxy(24.6097, 0.5912, 0.3356)$

Have a look what the booklet for
Yxy(24.6097, 0.5912, 0.3356)
contains.

Yxy(24.6097, 0.5912, 0.3356)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.6097, 0.5912, 0.3356)

Conversions

Conversions Part 1

Format	Color
Hex	FF3B31
RGB	255, 59, 49
RGB Percent	100%, 23%, 19%
CMY	0.0001, 0.7684, 0.8080
CMYK	0.00, 0.77, 0.81, 0.00
HSL	3°, 100%, 60%
HSV	3°, 81%, 100%
XYZ	43.3530, 24.6097, 5.3678
YIQ	116.4640, 120.0260, 38.4420

Conversions

Conversions Part 2

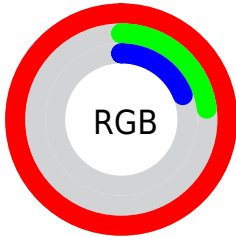
Format	Color
R_{YB}	255, 60, 49
Decimal	16726833
CIE _{Lab}	56.69, 71.55, 52.00
CIE _{LCh}	57, 88.451, 36.007
Yxy	24.6097, 0.5912, 0.3356
Android (android.graphics.Color)	4294916913 (0xFFFF3B31)
YUV	116.4640, -33.2598, 121.4961
Hunter-Lab	49.6082, 69.1783, 28.3103

Details

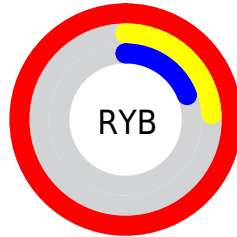
The Yxy color **24.6097, 0.5912, 0.3356** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **73.1166, 0.2248, 0.3165**, and the grayscale version is **17.6984, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.0421, 0.4936, 0.3533**, and **10.8232, 0.6390, 0.3294** is the 20% darker color. If you saturate the color by 10%, you get **22.5106, 0.6224, 0.3337**, and if you desaturate by 10%, it is **27.9901, 0.5484, 0.3366**.

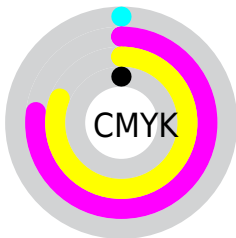
Distribution



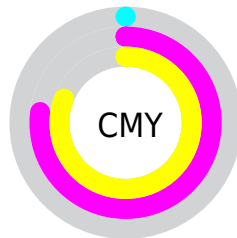
- Red (100%)
- Green (23%)
- Blue (19%)



- Red (100%)
- Yellow (24%)
- Blue (19%)



- Cyan (0%)
- Magenta (77%)
- Yellow (81%)
- Black (0%)





- Cyan (0%)
- Magenta (77%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.6097, 0.5912, 0.3356 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 24.6097, 0.5912, 0.3356 by changing the saturation by 10% instead.


 24.6097, 0.5912,
0.3356


 24.6097, 0.5912,
0.3356


275.8886, 0.4447,
0.3496


 15.7865, 0.6253,
0.3252


 51.0233, 0.5387,
0.3457

 9.3732, 0.6660,
0.3081


 69.3826, 0.5185,
0.3480


 4.9854, 0.7180,
0.2820

 91.6893, 0.5013,
0.3493

 2.2387, 0.7651,
0.2349

 118.3278, 0.4867,
0.3499

 0.7410, 0.8329,
0.1671

 149.6826, 0.4740,
0.3501

 0.0000, 1.0000,
0.0000

 186.1381, 0.4629,

 0.0000, 0.0000,

0.3501

0.0000

228.0786, 0.4532,
0.3499

■ 24.6097, 0.5912,
0.3356

■ 24.6097, 0.5912,
0.3356

■ 22.5106, 0.6224,
0.3337

■ 27.9901, 0.5484,
0.3366

■ 21.5310, 0.6377,
0.3319

■ 32.8070, 0.5012,
0.3366

■ 39.1984, 0.4557,
0.3359

■ 47.2848, 0.4155,
0.3347

■ 57.1751, 0.3818,
0.3332

68.9691, 0.3541,
0.3318

82.7592, 0.3319,
0.3304

98.6318, 0.3140,
0.3291

99.9964, 0.3127,
0.3290

Harmonies

Analogous

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



24.6097, 0.5171, 0.2590



24.6097, 0.5912, 0.3356



24.6097, 0.5566, 0.4227

Triad

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



24.6097, 0.5912, 0.3356



24.6097, 0.2178, 0.5608



24.6097, 0.1401, 0.1351

Complementary

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



24.6097, 0.5912, 0.3356



73.1166, 0.2248, 0.3165

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.



24.6097, 0.1014, 0.1538



24.6097, 0.5912, 0.3356



24.6097, 0.1309, 0.3701

Square

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



24.6097, 0.5912, 0.3356



24.6097, 0.3368, 0.6107



24.6097, 0.0966, 0.2212



24.6097, 0.2239, 0.1486

Rectangle

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



24.6097, 0.5912, 0.3356



24.6097, 0.4952, 0.4915



24.6097, 0.0966, 0.2212



24.6097, 0.1230, 0.1373

Sweetspot

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



24.6112, 0.5912, 0.3356



64.9852, 0.3624, 0.3323



30.2352, 0.3273, 0.1669



13.0100, 0.3722, 0.3328



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.



24.6112, 0.5912, 0.3356



21.7684, 0.6337, 0.3322



46.2205, 0.4953, 0.4227



18.1295, 0.3293, 0.3302



11.3119, 0.6367, 0.3327



1.1493, 0.6288, 0.3390

Inverse Universe

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



73.1166, 0.2248, 0.3165



71.3096, 0.2208, 0.3139



28.1555, 0.1887, 0.1804



20.3201, 0.2980, 0.3278



37.1846, 0.2205, 0.3136



3.6655, 0.2210, 0.3155

Previews

White Background



This preview shows how the Yxy color 24.6097, 0.5912, 0.3356 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 24.6097, 0.5912, 0.3356 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 24.6097, 0.5912, 0.3356

Background



This preview shows how black text looks on a background with the Yxy color 24.6097, 0.5912, 0.3356.



This preview shows how white text looks on a background with the Yxy color 24.6097, 0.5912, 0.3356.

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

24.6097, 0.5912, 0.3356

Protanopia

24.5345, 0.3989, 0.4353

Deuteranopia

24.5701, 0.4616, 0.4517



Tritanopia

24.6019, 0.5826, 0.3292

Trichromacy



Original Color

24.6097, 0.5912, 0.3356

Protanomaly

21.7643, 0.4810, 0.3881

Deuteranomaly

22.5971, 0.5213, 0.3972

Tritanomaly

24.5619, 0.5865, 0.3316

Monochromacy



Original Color

24.6097, 0.5912, 0.3356

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

17.1726, 0.4271, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.6097, 0.5912, 0.3356 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, 59, 49)` looks like.

```
.text, #text, p{  
    color:rgb(255, 59, 49)  
}
```

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, 59, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 59, 49) }
```

Border

The CSS property to change the border of an element to Yxy 24.6097, 0.5912, 0.3356 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, 59, 49) }
```

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

```
.border{ border-color:rgb(255, 59, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 59, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 59, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 59, 49);  
box-shadow:4px 4px 4px 4px rgb(255, 59,  
49) }
```


Background

The CSS property to change the background color of an element to Yxy 24.6097, 0.5912, 0.3356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 59, 49) }
```

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

```
.background{ background-color: rgb(255, 59,  
49) }
```

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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