

Converting Colors

$Yxy(24.8017, 0.5981, 0.3476)$

Have a look what the booklet for
Yxy(24.8017, 0.5981, 0.3476)
contains.

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Color

Yxy(24.7675, 0.5981, 0.3472)

Conversions

Conversions Part 1

Format	Color
Hex	FD4120
RGB	253, 65, 32
RGB Percent	99%, 25%, 13%
CMY	0.0078, 0.7452, 0.8743
CMYK	0.00, 0.74, 0.87, 0.01
HSL	9°, 98%, 56%
HSV	9°, 87%, 99%
XYZ	42.6654, 24.7675, 3.9020
YIQ	117.4500, 122.6410, 29.5930

Conversions

Conversions Part 2

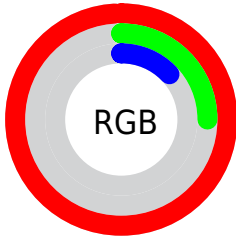
Format	Color
RYB	253, 71, 32
Decimal	16597280
CIELab	56.85, 68.84, 59.66
CIElCh	57, 91.094, 40.915
Yxy	24.7675, 0.5981, 0.3472
Android (android.graphics.Color)	4294787360 (0xFFFD4120)
YUV	117.4500, -42.1268, 118.8774
Hunter-Lab	49.7670, 65.9367, 30.1882

Details

The Yxy color **24.7675, 0.5981, 0.3472** 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 **58.6384, 0.2149, 0.2867**, and the grayscale version is **18.0401, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.7909, 0.5050, 0.3699**, and **10.5648, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **22.6616, 0.6232, 0.3409**, and if you desaturate by 10%, it is **27.9226, 0.5613, 0.3512**.

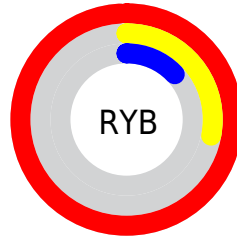
Distribution



Red (99%)

Green (25%)

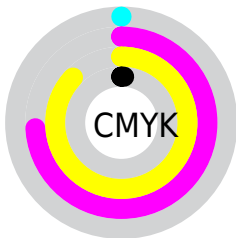
Blue (13%)



Red (99%)

Yellow (28%)

Blue (13%)

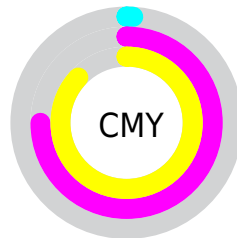


Cyan (0%)

Magenta (74%)

Yellow (87%)

Black (1%)



Cyan (1%)


Magenta (75%)


Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.7675, 0.5981, 0.3472 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 24.7675, 0.5981, 0.3472 by changing the saturation by 10% instead.


 24.7675, 0.5981,
0.3472


 24.7675, 0.5981,
0.3472


276.6781, 0.4510,
0.3584


 15.9039, 0.6305,
0.3363


 51.2798, 0.5467,
0.3573

 9.4562, 0.6711,
0.3198


 69.6973, 0.5265,
0.3592

 5.0399, 0.7109,
0.2891

 92.0682, 0.5092,
0.3601

 2.2707, 0.7573,
0.2427

 118.7770, 0.4942,
0.3604

 0.7581, 0.8245,
0.1755

 150.2079, 0.4812,
0.3602

 0.0000, 1.0000,
0.0000


 186.7455, 0.4699,


 0.0000, 0.0000,


0.3597


0.0000

 228.7741, 0.4599,
0.3591

 24.7675, 0.5981,
0.3472

 24.7675, 0.5981,
0.3472

 22.6616, 0.6232,
0.3409

 27.9226, 0.5613,
0.3512

 22.2537, 0.6283,
0.3394

 32.2395, 0.5183,
0.3523

 37.8202, 0.4747,
0.3510

 44.7542, 0.4344,
0.3481

 53.1227, 0.3992,
0.3442

63.0005, 0.3696,
0.3400

74.4570, 0.3451,
0.3358

87.5576, 0.3250,
0.3318

99.6266, 0.3115,
0.3290

Harmonies

Analogous

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



24.7675, 0.5427, 0.2692



24.7675, 0.5981, 0.3472



24.7675, 0.5469, 0.4384

Triad

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



24.7675, 0.5981, 0.3472



24.7675, 0.1968, 0.5415



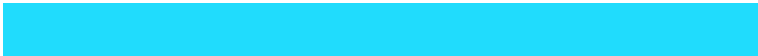
24.7675, 0.1472, 0.1319

Complementary

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



24.7675, 0.5981, 0.3472



58.6384, 0.2149, 0.2867

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.



24.7675, 0.1019, 0.1446



24.7675, 0.5981, 0.3472



24.7675, 0.1179, 0.3390

Square

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



24.7675, 0.5981, 0.3472



24.7675, 0.3146, 0.6228



24.7675, 0.0915, 0.2022



24.7675, 0.2412, 0.1506

Rectangle

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



24.7675, 0.5981, 0.3472



24.7675, 0.4790, 0.5110



24.7675, 0.0915, 0.2022



24.7675, 0.1276, 0.1324

Sweetspot

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



24.7690, 0.5981, 0.3472



65.5743, 0.3660, 0.3394



27.2803, 0.3527, 0.1768



13.2359, 0.3755, 0.3409



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.



24.7690, 0.5981, 0.3472



22.6459, 0.6283, 0.3393



50.4958, 0.4862, 0.4421



18.4237, 0.3291, 0.3326



11.9630, 0.6263, 0.3409



1.2878, 0.6078, 0.3556

Inverse Universe

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



58.6384, 0.2149, 0.2867



56.8485, 0.2111, 0.2800



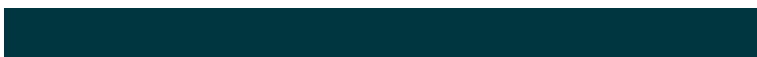
19.2279, 0.1746, 0.1385



19.9930, 0.2980, 0.3254



29.8797, 0.2114, 0.2809



3.0291, 0.2130, 0.2869

Previews

White Background



This preview shows how the Yxy color 24.7675, 0.5981, 0.3472 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 24.7675, 0.5981, 0.3472 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 24.7675, 0.5981, 0.3472

Background



This preview shows how black text looks on a background with the Yxy color 24.7675, 0.5981, 0.3472.



This preview shows how white text looks on a background with the Yxy color 24.7675, 0.5981, 0.3472.

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

24.7675, 0.5981, 0.3472

Protanopia

24.8854, 0.4189, 0.4605

Deuteranopia

24.8495, 0.4710, 0.4642



Tritanopia

24.8750, 0.5755, 0.3291

Trichromacy



Original Color

24.7675, 0.5981, 0.3472

Protanomaly

22.3621, 0.4961, 0.4092

Deuteranomaly

22.8912, 0.5312, 0.4111

Tritanomaly

24.8738, 0.5854, 0.3365

Monochromacy



Original Color

24.7675, 0.5981, 0.3472

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

17.5142, 0.4327, 0.3480

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.7675, 0.5981, 0.3472 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(253, 65, 32)` looks like.

```
.text, #text, p{  
  color:rgb(253, 65, 32)  
}
```

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(253, 65, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 65, 32) }
```

Border

The CSS property to change the border of an element to Yxy 24.7675, 0.5981, 0.3472 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(253, 65, 32) }
```

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

```
.border{ border-color:rgb(253, 65, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 65, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 65, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 65, 32);  
box-shadow:4px 4px 4px 4px rgb(253, 65,  
32) }
```


Background

The CSS property to change the background color of an element to Yxy 24.7675, 0.5981, 0.3472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 65, 32) }
```

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

```
.background{ background-color: rgb(253, 65,  
32) }
```

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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