

Converting Colors

$Y_{xy}(32.1019, 0.5422, 0.3965)$

Have a look what the booklet for
Yxy(32.1019, 0.5422, 0.3965)
contains.

Yxy(32.0395, 0.5425, 0.3961)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(32.0395, 0.5425, 0.3961)

Conversions

Conversions Part 1

Format	Color
Hex	F4751C
RGB	244, 117, 28
RGB Percent	96%, 46%, 11%
CMY	0.0431, 0.5412, 0.8904
CMYK	0.00, 0.52, 0.89, 0.04
HSL	25°, 91%, 53%
HSV	25°, 89%, 96%
XYZ	43.8814, 32.0395, 4.9665
YIQ	144.8270, 104.2610, -0.7550

Conversions

Conversions Part 2

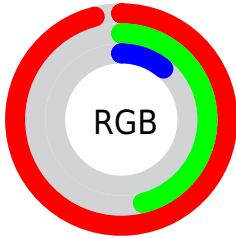
Format	Color
R _Y B	244, 179, 28
Decimal	16020764
CIE Lab	63.38, 44.31, 65.39
CIE LCh	63, 78.991, 55.882
Yxy	32.0395, 0.5425, 0.3961
Android (android.graphics.Color)	4294210844 (0xFFFF4751C)
YUV	144.8270, -57.5957, 86.9747
Hunter-Lab	56.6034, 39.3248, 34.4202

Details

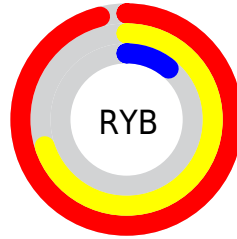
The Yxy color **32.0395, 0.5425, 0.3961** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed orange. A complement of this color would be **30.2066, 0.1919, 0.2032**, and the grayscale version is **28.4465, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.0259, 0.4643, 0.4127**, and **13.4839, 0.5801, 0.3776** is the 20% darker color. If you saturate the color by 10%, you get **28.8751, 0.5659, 0.3877**, and if you desaturate by 10%, it is **35.8113, 0.5140, 0.3993**.

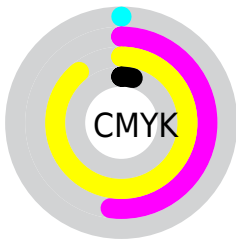
Distribution



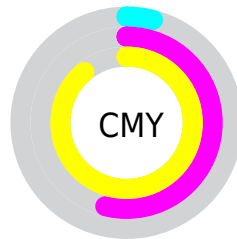
- Red (96%)
- Green (46%)
- Blue (11%)



- Red (96%)
- Yellow (70%)
- Blue (11%)



- Cyan (0%)
- Magenta (52%)
- Yellow (89%)
- Black (4%)





- Cyan (4%)
- Magenta (54%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.0395, 0.5425, 0.3961 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 32.0395, 0.5425, 0.3961 by changing the saturation by 10% instead.


 32.0395, 0.5425,
0.3961


 32.0395, 0.5425,
0.3961


311.2991, 0.4291,
0.3783


 21.3917, 0.5664,
0.3937


 62.8730, 0.5039,
0.3946

 13.4106, 0.5940,
0.3871


 83.8275, 0.4884,
0.3925

 7.7119, 0.6263,
0.3737

 108.9863, 0.4750,
0.3901

 3.9112, 0.6559,
0.3441

 138.7338, 0.4634,
0.3876

 1.6240, 0.7004,
0.2996

 173.4545, 0.4532,
0.3851

 0.3737, 0.8095,
0.1905

 213.5327, 0.4442,

 0.0000, 1.0000,

0.3827

0.0000

259.3527, 0.4362,
0.3805

0.0000, 0.0000,
0.0000

32.0395, 0.5425,
0.3961

32.0395, 0.5425,
0.3961

28.8751, 0.5659,
0.3877

35.8113, 0.5140,
0.3993


28.4595, 0.5691,
0.3863


40.2290, 0.4826,
0.3973

45.3302, 0.4507,
0.3910


51.1472, 0.4201,
0.3820

57.7101, 0.3922,
0.3713

 65.0465, 0.3672,
0.3600

 73.1829, 0.3455,
0.3487

 82.1441, 0.3267,
0.3378

 91.9539, 0.3105,
0.3276

Harmonies

Analogous

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



32.0395, 0.5349, 0.3195



32.0395, 0.5425, 0.3961



32.0395, 0.4797, 0.4804

Triad

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



32.0395, 0.5425, 0.3961



32.0395, 0.1812, 0.4180



32.0395, 0.2083, 0.1643

Complementary

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



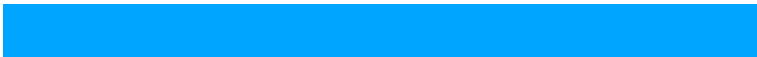
32.0395, 0.5425, 0.3961



30.2066, 0.1919, 0.2032

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.



32.0395, 0.1467, 0.1622



32.0395, 0.5425, 0.3961



32.0395, 0.1310, 0.2771

Square

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



32.0395, 0.5425, 0.3961



32.0395, 0.2734, 0.5436



32.0395, 0.1219, 0.1945



32.0395, 0.3130, 0.1949

Rectangle

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



32.0395, 0.5425, 0.3961



32.0395, 0.4163, 0.5327



32.0395, 0.1219, 0.1945



32.0395, 0.1831, 0.1603

Sweetspot

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



32.0413, 0.5425, 0.3961



73.1722, 0.3638, 0.3583



22.5173, 0.4361, 0.2239



15.0373, 0.3718, 0.3622



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.



32.0413, 0.5425, 0.3961



31.3840, 0.5695, 0.3860



71.7759, 0.4333, 0.4879



17.6044, 0.3283, 0.3388



15.7272, 0.5663, 0.3886



1.5796, 0.5438, 0.4065

Inverse Universe

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



30.2066, 0.1919, 0.2032



29.0001, 0.1848, 0.1852



9.0216, 0.1582, 0.0796



17.5458, 0.2980, 0.3190



14.5798, 0.1856, 0.1880



1.4836, 0.1909, 0.2074

Previews

White Background



This preview shows how the Yxy color 32.0395, 0.5425, 0.3961 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 32.0395, 0.5425, 0.3961 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 32.0395, 0.5425, 0.3961

Background



This preview shows how black text looks on a background with the Yxy color 32.0395, 0.5425, 0.3961.



This preview shows how white text looks on a background with the Yxy color 32.0395, 0.5425, 0.3961.

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

32.0395, 0.5425, 0.3961

Protanopia

32.1354, 0.4299, 0.4741

Deuteranopia

32.1599, 0.4722, 0.4632



Tritanopia

31.9724, 0.4737, 0.3224

Trichromacy



Original Color

32.0395, 0.5425, 0.3961

Protanomaly

31.3074, 0.4735, 0.4443

Deuteranomaly

31.4960, 0.5014, 0.4367

Tritanomaly

31.8213, 0.5081, 0.3561

Monochromacy



Original Color

32.0395, 0.5425, 0.3961

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

28.1110, 0.4035, 0.3766

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.0395, 0.5425, 0.3961 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(244, 117, 28)` looks like.

```
.text, #text, p{  
    color:rgb(244, 117, 28)  
}
```

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(244, 117, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 117, 28) }
```

Border

The CSS property to change the border of an element to Yxy 32.0395, 0.5425, 0.3961 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(244, 117, 28) }
```

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

```
.border{ border-color:rgb(244, 117, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 117, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 117, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 117, 28);  
box-shadow:4px 4px 4px 4px rgb(244, 117,  
28) }
```


Background

The CSS property to change the background color of an element to Yxy 32.0395, 0.5425, 0.3961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 117, 28) }
```

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

```
.background{ background-color: rgb(244,  
117, 28) }
```

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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