

Converting Colors

$Yxy(28.0363, 0.5676, 0.3526)$

Have a look what the booklet for
Yxy(28.0363, 0.5676, 0.3526)
contains.

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Color

$\text{Yxy}(28.0140, 0.5674, 0.3522)$

Conversions

Conversions Part 1

Format	Color
Hex	FF5535
RGB	255, 85, 53
RGB Percent	100%, 33%, 21%
CMY	0.0000, 0.6666, 0.7922
CMYK	0.00, 0.67, 0.79, 0.00
HSL	10°, 100%, 60%
HSV	10°, 79%, 100%
XYZ	45.1310, 28.0140, 6.3950
YIQ	132.1820, 111.5920, 26.0880

Conversions

Conversions Part 2

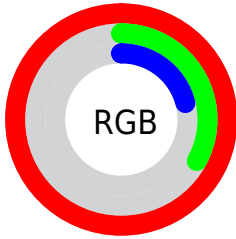
Format	Color
R_{YB}	255, 91, 53
Decimal	16733493
CIE _{Lab}	59.90, 62.91, 53.12
CIE _{LCh}	60, 82.342, 40.176
Yxy	28.0140, 0.5674, 0.3522
Android (android.graphics.Color)	4294923573 (0xFFFF5535)
YUV	132.1820, -39.0367, 107.7114
Hunter-Lab	52.9283, 59.5795, 29.8861

Details

The Yxy color **28.0140, 0.5674, 0.3522** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **60.7389, 0.2180, 0.2885**, and the grayscale version is **23.2584, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.5653, 0.4732, 0.3689**, and **11.2145, 0.6346, 0.3329** is the 20% darker color. If you saturate the color by 10%, you get **24.9580, 0.6023, 0.3475**, and if you desaturate by 10%, it is **32.2220, 0.5253, 0.3539**.

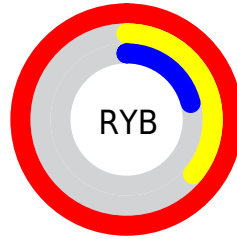
Distribution



Red (100%)

Green (33%)

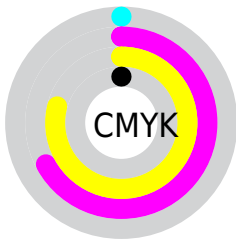
Blue (21%)



Red (100%)

Yellow (36%)

Blue (21%)

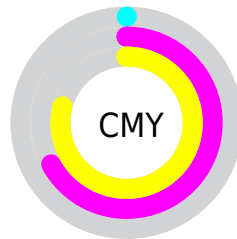


Cyan (0%)

Magenta (67%)

Yellow (79%)

Black (0%)



Cyan (0%)


Magenta (67%)


Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.0140, 0.5674, 0.3522 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 28.0140, 0.5674, 0.3522 by changing the saturation by 10% instead.


 28.0140, 0.5674,
0.3522


 28.0140, 0.5674,
0.3522


292.5338, 0.4353,
0.3556

 18.3362, 0.5980,
0.3452


 56.5068, 0.5203,
0.3579


 11.1916, 0.6344,
0.3328


 76.0906, 0.5021,
0.3586

 6.1959, 0.6851,
0.3149

 99.7452, 0.4867,
0.3587

 2.9646, 0.7256,
0.2744

 127.8550, 0.4734,
0.3584

 1.1133, 0.7842,
0.2158

 160.8043, 0.4619,
0.3579

 0.0000, 1.0000,
0.0000


 198.9776, 0.4519,


 0.0000, 0.0000,


0.3572


0.0000


242.7593, 0.4431,
0.3564

 28.0140, 0.5674,
0.3522


 28.0140, 0.5674,
0.3522

 24.9580, 0.6023,
0.3475


 32.2220, 0.5253,
0.3539


 22.9271, 0.6255,
0.3408

 37.6783, 0.4818,
0.3529

 22.8063, 0.6270,
0.3404

 44.4745, 0.4410,
0.3500

 52.6921, 0.4050,
0.3460

 62.4059, 0.3746,
0.3415

 73.6857, 0.3493,
0.3370

 86.5965, 0.3285,
0.3327

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.



28.0140, 0.5113, 0.2769



28.0140, 0.5674, 0.3522



28.0140, 0.5308, 0.4368

Triad

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



28.0140, 0.5674, 0.3522



28.0140, 0.2164, 0.5122



28.0140, 0.1615, 0.1491

Complementary

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



28.0140, 0.5674, 0.3522



60.7389, 0.2180, 0.2885

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.



28.0140, 0.1188, 0.1634



28.0140, 0.5674, 0.3522



28.0140, 0.1396, 0.3450

Square

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



28.0140, 0.5674, 0.3522



28.0140, 0.3265, 0.5844



28.0140, 0.1106, 0.2209



28.0140, 0.2476, 0.1659

Rectangle

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



28.0140, 0.5674, 0.3522



28.0140, 0.4732, 0.4991



28.0140, 0.1106, 0.2209



28.0140, 0.1430, 0.1501

Sweetspot

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



28.0156, 0.5674, 0.3522



68.0953, 0.3608, 0.3392



29.2248, 0.3526, 0.1838



13.7341, 0.3700, 0.3408



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.



28.0156, 0.5674, 0.3522



23.6694, 0.6171, 0.3437



55.9207, 0.4687, 0.4436



18.4519, 0.3290, 0.3328



12.0535, 0.6249, 0.3420



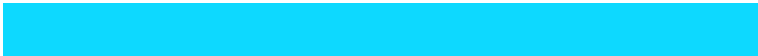
1.3010, 0.6059, 0.3571

Inverse Universe

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



60.7389, 0.2180, 0.2885



56.7220, 0.2115, 0.2795



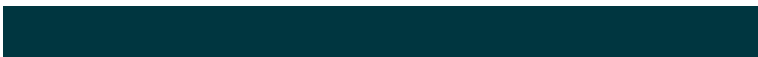
22.3146, 0.1821, 0.1523



19.9620, 0.2980, 0.3251



29.2386, 0.2105, 0.2776



2.9726, 0.2123, 0.2841

Previews

White Background



This preview shows how the Yxy color 28.0140, 0.5674, 0.3522 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 28.0140, 0.5674, 0.3522 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 28.0140, 0.5674, 0.3522

Background



This preview shows how black text looks on a background with the Yxy color 28.0140, 0.5674, 0.3522.



This preview shows how white text looks on a background with the Yxy color 28.0140, 0.5674, 0.3522.

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

28.0140, 0.5674, 0.3522

Protanopia

28.1666, 0.4035, 0.4417

Deuteranopia

27.9829, 0.4584, 0.4484



Tritanopia

27.9665, 0.5361, 0.3264

Trichromacy



Original Color

28.0140, 0.5674, 0.3522

Protanomaly

26.1382, 0.4699, 0.4025

Deuteranomaly

26.6940, 0.5057, 0.4063

Tritanomaly

27.9409, 0.5492, 0.3367

Monochromacy



Original Color

28.0140, 0.5674, 0.3522

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

22.5879, 0.4104, 0.3471

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.0140, 0.5674, 0.3522 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, 85, 53)` looks like.

```
.text, #text, p{  
    color:rgb(255, 85, 53)  
}
```

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, 85, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 85, 53) }
```

Border

The CSS property to change the border of an element to Yxy 28.0140, 0.5674, 0.3522 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, 85, 53) }
```

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

```
.border{ border-color:rgb(255, 85, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 85, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 85, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 85, 53);  
box-shadow:4px 4px 4px 4px rgb(255, 85,  
53) }
```


Background

The CSS property to change the background color of an element to Yxy 28.0140, 0.5674, 0.3522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 85, 53) }
```

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

```
.background{ background-color: rgb(255, 85,  
53) }
```

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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