

Converting Colors

$Yxy(26.0424, 0.5698, 0.3517)$

Have a look what the booklet for
Yxy(26.0424, 0.5698, 0.3517)
contains.

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Color

Yxy(26.0716, 0.5697, 0.3517)

Conversions

Conversions Part 1

Format	Color
Hex	F85132
RGB	248, 81, 50
RGB Percent	97%, 32%, 20%
CMY	0.0274, 0.6824, 0.8038
CMYK	0.00, 0.67, 0.80, 0.03
HSL	9°, 93%, 58%
HSV	9°, 80%, 97%
XYZ	42.2320, 26.0716, 5.8266
YIQ	127.3990, 109.4830, 25.7630

Conversions

Conversions Part 2

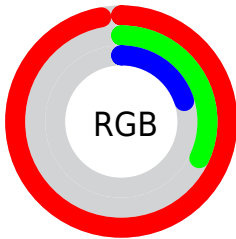
Format	Color
R_{YB}	248, 87, 50
Decimal	16273714
CIE _{Lab}	58.10, 62.12, 52.40
CIE _{LCh}	58, 81.269, 40.149
Yxy	26.0716, 0.5697, 0.3517
Android (android.graphics.Color)	4294463794 (0xFFFF85132)
YUV	127.3990, -38.1577, 105.7671
Hunter-Lab	51.0604, 58.2816, 28.9765

Details

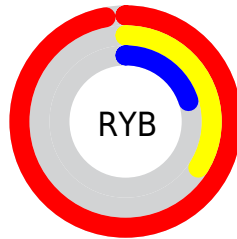
The Yxy color **26.0716, 0.5697, 0.3517** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **57.0979, 0.2179, 0.2887**, and the grayscale version is **21.4749, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.3378, 0.4791, 0.3676**, and **10.1324, 0.6389, 0.3309** is the 20% darker color. If you saturate the color by 10%, you get **23.2690, 0.6040, 0.3469**, and if you desaturate by 10%, it is **29.9505, 0.5279, 0.3535**.

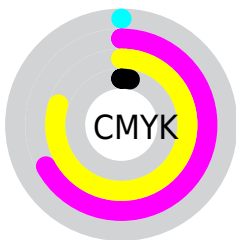
Distribution



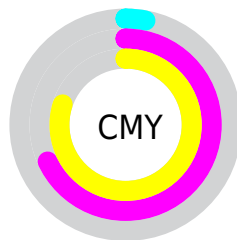
- Red (97%)
- Green (32%)
- Blue (20%)



- Red (97%)
- Yellow (34%)
- Blue (20%)



- Cyan (0%)
- Magenta (67%)
- Yellow (80%)
- Black (3%)





- Cyan (3%)
- Magenta (68%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.0716, 0.5697, 0.3517 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 26.0716, 0.5697, 0.3517 by changing the saturation by 10% instead.


 26.0716, 0.5697,
0.3517


 26.0716, 0.5697,
0.3517


283.1334, 0.4350,
0.3556


 16.8772, 0.6012,
0.3443

 53.3904, 0.5214,
0.3577

 10.1470, 0.6388,
0.3309


 72.2837, 0.5028,
0.3586


 5.4965, 0.6894,
0.3106

 95.1786, 0.4871,
0.3587

 2.5414, 0.7324,
0.2676

 122.4597, 0.4736,
0.3584

 0.8973, 0.7950,
0.2050

 154.5114, 0.4620,
0.3578

 0.0000, 1.0000,
0.0000

 191.7179, 0.4518,

 0.0000, 0.0000,

0.3571

0.0000

234.4638, 0.4429,
0.3564

■ 26.0716, 0.5697,
0.3517

■ 26.0716, 0.5697,
0.3517

■ 23.2690, 0.6040,
0.3469

■ 29.9505, 0.5279,
0.3535

■ 21.4202, 0.6268,
0.3404


■ 34.9971, 0.4843,
0.3527


■ 21.3959, 0.6271,
0.3403


■ 41.2981, 0.4432,
0.3499


■ 48.9306, 0.4070,
0.3460

■ 57.9652, 0.3762,
0.3416

 68.4680, 0.3506,
0.3372

 80.5003, 0.3296,
0.3329

 94.1202, 0.3125,
0.3289

 98.6977, 0.3084,
0.3290

Harmonies

Analogous

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



26.0716, 0.5133, 0.2762



26.0716, 0.5697, 0.3517



26.0716, 0.5324, 0.4368

Triad

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



26.0716, 0.5697, 0.3517



26.0716, 0.2153, 0.5146



26.0716, 0.1602, 0.1478

Complementary

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



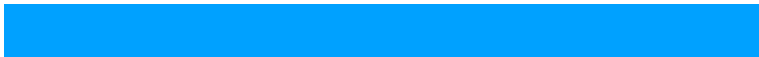
26.0716, 0.5697, 0.3517



57.0979, 0.2179, 0.2887

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.



26.0716, 0.1175, 0.1621



26.0716, 0.5697, 0.3517



26.0716, 0.1381, 0.3451

Square

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



26.0716, 0.5697, 0.3517



26.0716, 0.3261, 0.5872



26.0716, 0.1092, 0.2198



26.0716, 0.2468, 0.1647

Rectangle

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



26.0716, 0.5697, 0.3517



26.0716, 0.4740, 0.4997



26.0716, 0.1092, 0.2198



26.0716, 0.1417, 0.1488

Sweetspot

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



26.0731, 0.5697, 0.3517



68.0354, 0.3608, 0.3390



27.3192, 0.3529, 0.1835



13.7201, 0.3701, 0.3406



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.



26.0731, 0.5697, 0.3517



23.4375, 0.6195, 0.3427



52.3135, 0.4696, 0.4438



17.6636, 0.3290, 0.3328



11.6851, 0.6251, 0.3419



1.2063, 0.6051, 0.3577

Inverse Universe

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



57.0979, 0.2179, 0.2887



56.7563, 0.2114, 0.2796



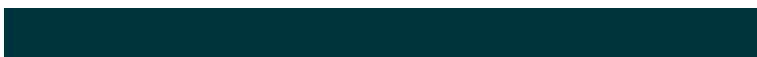
20.7259, 0.1816, 0.1511



19.1187, 0.2980, 0.3252



28.5180, 0.2107, 0.2784



2.7617, 0.2125, 0.2851

Previews

White Background



This preview shows how the Yxy color 26.0716, 0.5697, 0.3517 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 26.0716, 0.5697, 0.3517 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 26.0716, 0.5697, 0.3517

Background



This preview shows how black text looks on a background with the Yxy color 26.0716, 0.5697, 0.3517.



This preview shows how white text looks on a background with the Yxy color 26.0716, 0.5697, 0.3517.

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

26.0716, 0.5697, 0.3517

Protanopia

26.1300, 0.4043, 0.4419

Deuteranopia

26.1265, 0.4589, 0.4508



Tritanopia

26.0416, 0.5416, 0.3264

Trichromacy



Original Color

26.0716, 0.5697, 0.3517

Protanomaly

24.3494, 0.4707, 0.4032

Deuteranomaly

24.7444, 0.5070, 0.4079

Tritanomaly

26.0307, 0.5536, 0.3359

Monochromacy



Original Color

26.0716, 0.5697, 0.3517

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

20.7106, 0.4115, 0.3461

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0716, 0.5697, 0.3517 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(248, 81, 50)` looks like.

```
.text, #text, p{  
  color:rgb(248, 81, 50)  
}
```

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(248, 81, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 81, 50) }
```

Border

The CSS property to change the border of an element to Yxy 26.0716, 0.5697, 0.3517 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(248, 81, 50) }
```

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

```
.border{ border-color:rgb(248, 81, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 81, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 81, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 81, 50);  
box-shadow:4px 4px 4px 4px rgb(248, 81,  
50) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0716, 0.5697, 0.3517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 81, 50) }
```

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

```
.background{ background-color: rgb(248, 81,  
50) }
```

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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