

Converting Colors

$Yxy(26.2543, 0.4975, 0.3987)$

Have a look what the booklet for
Yxy(26.2543, 0.4975, 0.3987)
contains.

Yxy(26.2543, 0.4975, 0.3987)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.2543, 0.4975, 0.3987)

Conversions

Conversions Part 1

Format	Color
Hex	CF7536
RGB	207, 117, 54
RGB Percent	81%, 46%, 21%
CMY	0.1882, 0.5412, 0.7881
CMYK	0.00, 0.43, 0.74, 0.19
HSL	25°, 61%, 51%
HSV	25°, 74%, 81%
XYZ	32.7603, 26.2543, 6.8352
YIQ	136.7280, 73.8630, -0.5130

Conversions

Conversions Part 2

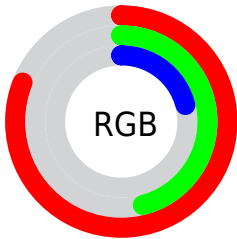
Format	Color
R_{YB}	207, 161, 54
Decimal	13595958
CIE _{Lab}	58.28, 30.41, 48.58
CIE _{LCh}	58, 57.310, 57.957
Yxy	26.2543, 0.4975, 0.3987
Android (android.graphics.Color)	4291786038 (0xFFCF7536)
YUV	136.7280, -40.7849, 61.6285
Hunter-Lab	51.2390, 24.4580, 27.9581

Details

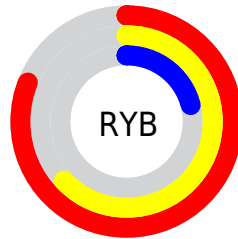
The Yxy color **26.2543, 0.4975, 0.3987** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **25.2470, 0.2056, 0.2280**, and the grayscale version is **25.0463, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.0089, 0.4505, 0.3954**, and **10.2174, 0.5508, 0.4008** is the 20% darker color. If you saturate the color by 10%, you get **23.4447, 0.5276, 0.3984**, and if you desaturate by 10%, it is **29.5186, 0.4658, 0.3943**.

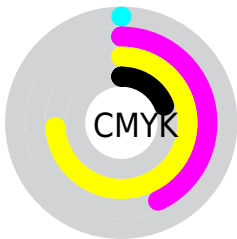
Distribution



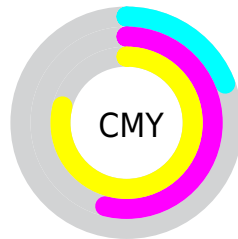
- Red (81%)
- Green (46%)
- Blue (21%)



- Red (81%)
- Yellow (63%)
- Blue (21%)



- Cyan (0%)
- Magenta (43%)
- Yellow (74%)
- Black (19%)





- Cyan (19%)
- Magenta (54%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2543, 0.4975, 0.3987 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 26.2543, 0.4975, 0.3987 by changing the saturation by 10% instead.

 26.2543, 0.4975,
0.3987


 26.2543, 0.4975,
0.3987


284.0282, 0.3997,
0.3707


 17.0140, 0.5213,
0.4013


 53.6849, 0.4618,
0.3913

 10.2445, 0.5502,
0.4012


 72.6440, 0.4483,
0.3876


 5.5613, 0.5964,
0.4027

 95.6114, 0.4370,
0.3841

 2.5802, 0.6250,
0.3750

 122.9717, 0.4273,
0.3809

 0.9167, 0.6714,
0.3286

 155.1091, 0.4189,
0.3780

 0.0000, 1.0000,
0.0000

 192.4080, 0.4117,

 0.0000, 0.0000,

0.3753

0.0000

235.2529, 0.4053,
0.3729

■ 26.2543, 0.4975,
0.3987

■ 26.2543, 0.4975,
0.3987

■ 23.4447, 0.5276,
0.3984

■ 29.5186, 0.4658,
0.3943

■ 21.0603, 0.5537,
0.3928

■ 33.2563, 0.4347,
0.3866

■ 19.7959, 0.5676,
0.3875

■ 37.4896, 0.4056,
0.3766

■ 42.2376, 0.3794,
0.3657

■ 47.5187, 0.3562,
0.3544

■ 53.3500, 0.3361,
0.3434

■ 59.7477, 0.3188,
0.3329

■ 66.7276, 0.3039,
0.3231

■ 74.3044, 0.2911,
0.3141

Harmonies

Analogous

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



26.2543, 0.4899, 0.3318



26.2543, 0.4975, 0.3987



26.2543, 0.4500, 0.4645

Triad

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



26.2543, 0.4975, 0.3987



26.2543, 0.2052, 0.3901



26.2543, 0.2342, 0.1935

Complementary

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



26.2543, 0.4975, 0.3987



25.2470, 0.2056, 0.2280

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.



26.2543, 0.1782, 0.1911



26.2543, 0.4975, 0.3987



26.2543, 0.1623, 0.2861

Square

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



26.2543, 0.4975, 0.3987



26.2543, 0.2812, 0.4847



26.2543, 0.1544, 0.2192



26.2543, 0.3216, 0.2215

Rectangle

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



26.2543, 0.4975, 0.3987



26.2543, 0.3992, 0.4980



26.2543, 0.1544, 0.2192



26.2543, 0.2118, 0.1897

Sweetspot

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



26.2557, 0.4975, 0.3987



77.6179, 0.3528, 0.3526



17.9768, 0.4075, 0.2273



16.0893, 0.3587, 0.3557



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.



26.2557, 0.4975, 0.3987



35.1341, 0.5443, 0.3956



51.1019, 0.4212, 0.4764



12.5961, 0.3280, 0.3386



12.6486, 0.5652, 0.3894



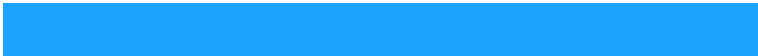
0.8619, 0.5322, 0.4156

Inverse Universe

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



25.2470, 0.2056, 0.2280



33.1594, 0.1914, 0.2023



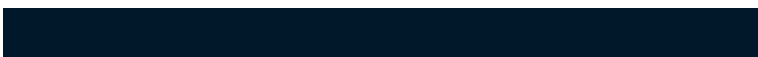
9.5876, 0.1765, 0.1133



12.5571, 0.2983, 0.3192



11.7658, 0.1859, 0.1892



0.8122, 0.1938, 0.2175

Previews

White Background



This preview shows how the Yxy color 26.2543, 0.4975, 0.3987 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 26.2543, 0.4975, 0.3987 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 26.2543, 0.4975, 0.3987

Background



This preview shows how black text looks on a background with the Yxy color 26.2543, 0.4975, 0.3987.



This preview shows how white text looks on a background with the Yxy color 26.2543, 0.4975, 0.3987.

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

26.2543, 0.4975, 0.3987

Protanopia

26.4546, 0.4096, 0.4500

Deuteranopia

26.5021, 0.4491, 0.4411



Tritanopia

26.1615, 0.4325, 0.3194

Trichromacy



Original Color

26.2543, 0.4975, 0.3987

Protanomaly

25.9220, 0.4433, 0.4305

Deuteranomaly

26.2422, 0.4667, 0.4251

Tritanomaly

26.1918, 0.4597, 0.3514

Monochromacy



Original Color

26.2543, 0.4975, 0.3987

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.7082, 0.3779, 0.3656

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2543, 0.4975, 0.3987 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(207, 117, 54)` looks like.

```
.text, #text, p{  
    color:rgb(207, 117, 54)  
}
```

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(207, 117, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 117, 54) }
```

Border

The CSS property to change the border of an element to Yxy 26.2543, 0.4975, 0.3987 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(207, 117, 54) }
```

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

```
.border{ border-color:rgb(207, 117, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 117, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 117, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 117, 54);  
box-shadow:4px 4px 4px 4px rgb(207, 117,  
54) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2543, 0.4975, 0.3987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 117, 54) }
```

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

```
.background{ background-color: rgb(207,  
117, 54) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor