

Converting Colors

$Y_{xy}(25.9140, 0.5421, 0.3930)$

Have a look what the booklet for
Yxy(25.9140, 0.5421, 0.3930)
contains.

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Color

Yxy(25.8798, 0.5421, 0.3929)

Conversions

Conversions Part 1

Format	Color
Hex	DF691D
RGB	223, 105, 29
RGB Percent	87%, 41%, 11%
CMY	0.1255, 0.5882, 0.8859
CMYK	0.00, 0.53, 0.87, 0.13
HSL	23°, 77%, 49%
HSV	23°, 87%, 87%
XYZ	35.7074, 25.8798, 4.2815
YIQ	131.6180, 94.7240, 1.3800

Conversions

Conversions Part 2

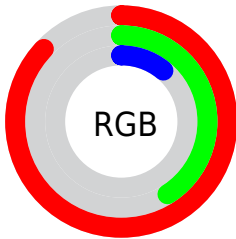
Format	Color
R _Y B	223, 154, 29
Decimal	14641437
CIE Lab	57.92, 42.15, 59.44
CIE LCh	58, 72.869, 54.661
Yxy	25.8798, 0.5421, 0.3929
Android (android.graphics.Color)	4292831517 (0xFFDF691D)
YUV	131.6180, -50.5907, 80.1420
Hunter-Lab	50.8722, 36.2636, 30.6206

Details

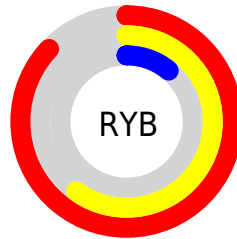
The Yxy color **25.8798, 0.5421, 0.3929** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **26.4890, 0.1951, 0.2129**, and the grayscale version is **23.0936, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.3229, 0.4768, 0.4016**, and **10.0198, 0.5864, 0.3726** is the 20% darker color. If you saturate the color by 10%, you get **23.2595, 0.5671, 0.3852**, and if you desaturate by 10%, it is **29.0232, 0.5120, 0.3954**.

Distribution



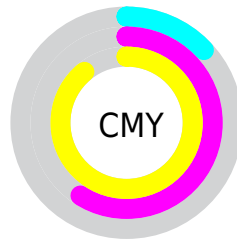
- Red (87%)
- Green (41%)
- Blue (11%)



- Red (87%)
- Yellow (60%)
- Blue (11%)



- Cyan (0%)
- Magenta (53%)
- Yellow (87%)
- Black (13%)





- Cyan (13%)
- Magenta (59%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.8798, 0.5421, 0.3929 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 25.8798, 0.5421, 0.3929 by changing the saturation by 10% instead.


 25.8798, 0.5421,
0.3929


 25.8798, 0.5421,
0.3929


282.1915, 0.4240,
0.3749


 16.7337, 0.5683,
0.3901

 53.0810, 0.5006,
0.3913


 10.0448, 0.6008,
0.3834


 71.9049, 0.4844,
0.3891

 5.4287, 0.6346,
0.3654

 94.7235, 0.4705,
0.3867

 2.5009, 0.6702,
0.3298

 121.9213, 0.4586,
0.3842

 0.8771, 0.7266,
0.2734

 153.8826, 0.4482,
0.3817

 0.0000, 1.0000,
0.0000

 190.9918, 0.4391,

 0.0000, 0.0000,

0.3793

0.0000

233.6333, 0.4311,
0.3770

25.8798, 0.5421,
0.3929

25.8798, 0.5421,
0.3929

23.2595, 0.5671,
0.3852

29.0232, 0.5120,
0.3954

22.5534, 0.5741,
0.3823

32.7203, 0.4794,
0.3929

37.0028, 0.4469,
0.3865

41.8981, 0.4161,
0.3776

47.4317, 0.3882,
0.3674

 53.6273, 0.3636,
0.3566

 60.5074, 0.3423,
0.3459

 68.0934, 0.3239,
0.3357

 76.4054, 0.3082,
0.3262

Harmonies

Analogous

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



25.8798, 0.5308, 0.3169



25.8798, 0.5421, 0.3929



25.8798, 0.4822, 0.4763

Triad

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



25.8798, 0.5421, 0.3929



25.8798, 0.1854, 0.4234



25.8798, 0.2058, 0.1647

Complementary

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



25.8798, 0.5421, 0.3929



26.4890, 0.1951, 0.2129

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.



25.8798, 0.1461, 0.1640



25.8798, 0.5421, 0.3929



25.8798, 0.1334, 0.2824

Square

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



25.8798, 0.5421, 0.3929



25.8798, 0.2783, 0.5441



25.8798, 0.1229, 0.1979



25.8798, 0.3081, 0.1940

Rectangle

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



25.8798, 0.5421, 0.3929



25.8798, 0.4201, 0.5286



25.8798, 0.1229, 0.1979



25.8798, 0.1814, 0.1612

Sweetspot

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



25.8812, 0.5421, 0.3929



73.3454, 0.3619, 0.3558



18.7318, 0.4267, 0.2204



15.0443, 0.3700, 0.3596



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.



25.8812, 0.5421, 0.3929



30.3397, 0.5754, 0.3813



57.2647, 0.4349, 0.4846



14.5762, 0.3282, 0.3382



13.4652, 0.5714, 0.3845



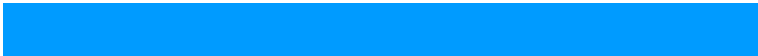
1.1040, 0.5430, 0.4071

Inverse Universe

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



26.4890, 0.1951, 0.2129



30.7230, 0.1869, 0.1926



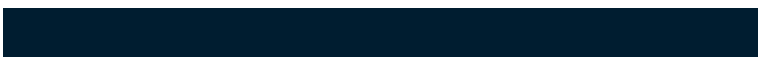
8.0213, 0.1607, 0.0857



14.6245, 0.2981, 0.3196



13.6636, 0.1878, 0.1959



1.1198, 0.1941, 0.2186

Previews

White Background



This preview shows how the Yxy color 25.8798, 0.5421, 0.3929 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 25.8798, 0.5421, 0.3929 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 25.8798, 0.5421, 0.3929

Background



This preview shows how black text looks on a background with the Yxy color 25.8798, 0.5421, 0.3929.



This preview shows how white text looks on a background with the Yxy color 25.8798, 0.5421, 0.3929.

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

25.8798, 0.5421, 0.3929

Protanopia

26.0642, 0.4272, 0.4712

Deuteranopia

25.8584, 0.4717, 0.4619



Tritanopia

25.9240, 0.4752, 0.3218

Trichromacy



Original Color

25.8798, 0.5421, 0.3929

Protanomaly

25.1239, 0.4720, 0.4401

Deuteranomaly

25.4175, 0.5010, 0.4349

Tritanomaly

25.8507, 0.5078, 0.3543

Monochromacy



Original Color

25.8798, 0.5421, 0.3929

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

22.7446, 0.4010, 0.3716

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8798, 0.5421, 0.3929 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(223, 105, 29)` looks like.

```
.text, #text, p{  
    color:rgb(223, 105, 29)  
}
```

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(223, 105, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 105, 29) }
```

Border

The CSS property to change the border of an element to Yxy 25.8798, 0.5421, 0.3929 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(223, 105, 29) }
```

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

```
.border{ border-color:rgb(223, 105, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 105, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 105, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 105, 29);  
box-shadow:4px 4px 4px 4px rgb(223, 105,  
29) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8798, 0.5421, 0.3929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 105, 29) }
```

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

```
.background{ background-color: rgb(223,  
105, 29) }
```

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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