

Converting Colors

$Yxy(25.5074, 0.5338, 0.3915)$

Have a look what the booklet for
Yxy(25.5074, 0.5338, 0.3915)
contains.

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Color

Yxy(25.5017, 0.5335, 0.3921)

Conversions

Conversions Part 1

Format	Color
Hex	DB6A25
RGB	219, 106, 37
RGB Percent	86%, 42%, 15%
CMY	0.1412, 0.5842, 0.8551
CMYK	0.00, 0.52, 0.83, 0.14
HSL	23°, 72%, 50%
HSV	23°, 83%, 86%
XYZ	34.6982, 25.5017, 4.8389
YIQ	131.9210, 89.4970, 2.4970

Conversions

Conversions Part 2

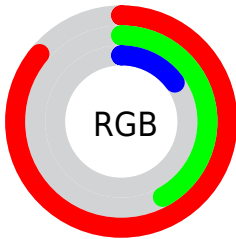
Format	Color
RYB	219, 148, 37
Decimal	14379557
CIELab	57.56, 40.28, 55.99
CIELCh	58, 68.969, 54.270
Yxy	25.5017, 0.5335, 0.3921
Android (android.graphics.Color)	4292569637 (0xFFDB6A25)
YUV	131.9210, -46.7961, 76.3683
Hunter-Lab	50.4992, 34.2744, 29.6682

Details

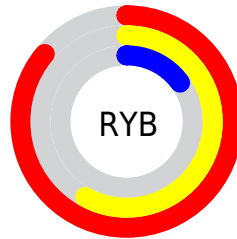
The Yxy color **25.5017, 0.5335, 0.3921** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **27.2913, 0.1991, 0.2224**, and the grayscale version is **23.1919, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.7609, 0.4715, 0.3980**, and **9.9005, 0.5811, 0.3768** is the 20% darker color. If you saturate the color by 10%, you get **22.8215, 0.5612, 0.3862**, and if you desaturate by 10%, it is **28.7110, 0.5016, 0.3928**.

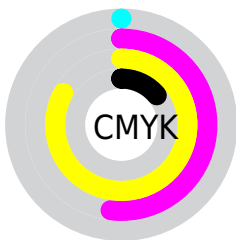
Distribution



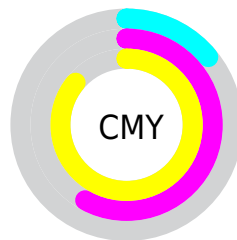
- Red (86%)
- Green (42%)
- Blue (15%)



- Red (86%)
- Yellow (58%)
- Blue (15%)



- Cyan (0%)
- Magenta (52%)
- Yellow (83%)
- Black (14%)




- Cyan (14%)
- Magenta (58%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.5017, 0.5335, 0.3921 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 25.5017, 0.5335, 0.3921 by changing the saturation by 10% instead.


 25.5017, 0.5335,
0.3921


 25.5017, 0.5335,
0.3921


280.3273, 0.4184,
0.3727


 16.4512, 0.5599,
0.3904


 52.4700, 0.4925,
0.3895


 9.8440, 0.5917,
0.3843


 71.1566, 0.4767,
0.3870


 5.2957, 0.6300,
0.3700

 93.8240, 0.4632,
0.3844

 2.4218, 0.6651,
0.3349

 120.8566, 0.4516,
0.3818

 0.8371, 0.7216,
0.2784

 152.6389, 0.4416,
0.3793

 0.0000, 1.0000,
0.0000

 189.5551, 0.4329,

 0.0000, 0.0000,

0.3769

0.0000

231.9898, 0.4252,
0.3747

■ 25.5017, 0.5335,
0.3921

■ 25.5017, 0.5335,
0.3921

■ 22.8215, 0.5612,
0.3862

■ 28.7110, 0.5016,
0.3928

■ 21.2589, 0.5773,
0.3798

■ 32.4774, 0.4682,
0.3889

■ 36.8313, 0.4356,
0.3817


■ 41.7993, 0.4056,
0.3724

■ 47.4060, 0.3787,
0.3622

 53.6746, 0.3552,
0.3518

 60.6270, 0.3349,
0.3416

 68.2842, 0.3176,
0.3319

 76.6659, 0.3028,
0.3229

Harmonies

Analogous

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



25.5017, 0.5200, 0.3179



25.5017, 0.5335, 0.3921



25.5017, 0.4784, 0.4719

Triad

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



25.5017, 0.5335, 0.3921



25.5017, 0.1923, 0.4205



25.5017, 0.2093, 0.1703

Complementary

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



25.5017, 0.5335, 0.3921



27.2913, 0.1991, 0.2224

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.



25.5017, 0.1515, 0.1702



25.5017, 0.5335, 0.3921



25.5017, 0.1406, 0.2870

Square

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



25.5017, 0.5335, 0.3921



25.5017, 0.2828, 0.5328



25.5017, 0.1292, 0.2044



25.5017, 0.3073, 0.1985

Rectangle

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



25.5017, 0.5335, 0.3921



25.5017, 0.4194, 0.5206



25.5017, 0.1292, 0.2044



25.5017, 0.1856, 0.1670

Sweetspot

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



25.5031, 0.5335, 0.3921



73.8574, 0.3598, 0.3539



18.6526, 0.4147, 0.2175



15.1291, 0.3680, 0.3576



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.



25.5031, 0.5335, 0.3921



29.7644, 0.5788, 0.3787



54.0943, 0.4348, 0.4800



13.8572, 0.3282, 0.3379



12.8023, 0.5746, 0.3820



0.9924, 0.5440, 0.4062

Inverse Universe

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



27.2913, 0.1991, 0.2224



31.7570, 0.1881, 0.1970



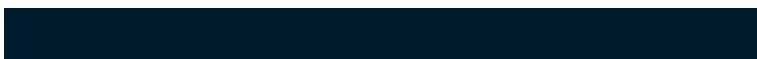
8.8667, 0.1655, 0.0964



13.9563, 0.2982, 0.3199



13.6748, 0.1890, 0.2003



1.0501, 0.1954, 0.2236

Previews

White Background



This preview shows how the Yxy color 25.5017, 0.5335, 0.3921 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 25.5017, 0.5335, 0.3921 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 25.5017, 0.5335, 0.3921

Background



This preview shows how black text looks on a background with the Yxy color 25.5017, 0.5335, 0.3921.



This preview shows how white text looks on a background with the Yxy color 25.5017, 0.5335, 0.3921.

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

25.5017, 0.5335, 0.3921

Protanopia

25.6233, 0.4219, 0.4654

Deuteranopia

25.6867, 0.4637, 0.4563



Tritanopia

25.4939, 0.4691, 0.3216

Trichromacy



Original Color

25.5017, 0.5335, 0.3921

Protanomaly

24.8109, 0.4645, 0.4371

Deuteranomaly

25.3310, 0.4908, 0.4319

Tritanomaly

25.4690, 0.4985, 0.3521

Monochromacy



Original Color

25.5017, 0.5335, 0.3921

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

22.9215, 0.3965, 0.3702

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5017, 0.5335, 0.3921 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(219, 106, 37)` looks like.

```
.text, #text, p{  
    color:rgb(219, 106, 37)  
}
```

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(219, 106, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 106, 37) }
```

Border

The CSS property to change the border of an element to Yxy 25.5017, 0.5335, 0.3921 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(219, 106, 37) }
```

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

```
.border{ border-color:rgb(219, 106, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 106, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 106, 37); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 106, 37); box-shadow:4px 4px 4px 4px rgb(219, 106, 37) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5017, 0.5335, 0.3921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 106, 37) }
```

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

```
.background{ background-color: rgb(219,  
106, 37) }
```

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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