

Converting Colors

$Yxy(25.5174, 0.5341, 0.4136)$

Have a look what the booklet for
Yxy(25.5174, 0.5341, 0.4136)
contains.

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Color

Yxy(25.5876, 0.5335, 0.4142)

Conversions

Conversions Part 1

Format	Color
Hex	D47001
RGB	212, 112, 1
RGB Percent	83%, 44%, 0%
CMY	0.1685, 0.5608, 0.9960
CMYK	0.00, 0.47, 1.00, 0.17
HSL	32°, 99%, 42%
HSV	32°, 100%, 83%
XYZ	32.9575, 25.5876, 3.2309
YIQ	129.2460, 95.2310, -13.3210

Conversions

Conversions Part 2

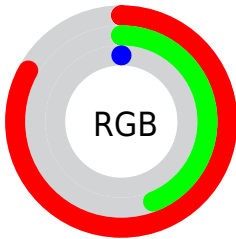
Format	Color
RYB	191, 212, 1
Decimal	13922305
CIELab	57.64, 33.84, 65.05
CIELCh	58, 73.330, 62.516
Yxy	25.5876, 0.5335, 0.4142
Android (android.graphics.Color)	4292112385 (0xFFD47001)
YUV	129.2460, -63.2253, 72.5753
Hunter-Lab	50.5842, 27.7770, 31.6220

Details

The Yxy color **25.5876, 0.5335, 0.4142** 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 **14.0806, 0.1747, 0.1485**, and the grayscale version is **22.2458, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.5876, 0.4795, 0.4180**, and **9.9293, 0.5632, 0.3910** is the 20% darker color. If you saturate the color by 10%, you get **25.4805, 0.5344, 0.4139**, and if you desaturate by 10%, it is **27.9888, 0.5144, 0.4201**.

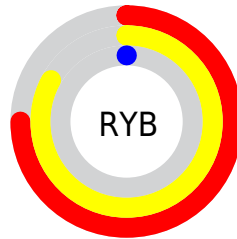
Distribution



Red (83%)

Green (44%)

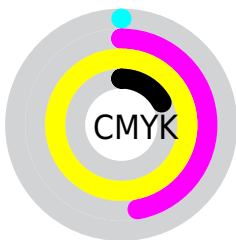
Blue (0%)



Red (75%)

Yellow (83%)

Blue (0%)

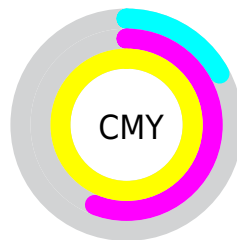


Cyan (0%)

Magenta (47%)

Yellow (100%)

Black (17%)



Cyan (17%)


Magenta (56%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.5876, 0.5335, 0.4142 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 25.5876, 0.5335, 0.4142 by changing the saturation by 10% instead.

 25.5876, 0.5335,
0.4142

 25.5876, 0.5335,
0.4142

280.7517, 0.4224,
0.3861


 16.5154, 0.5566,
0.4131


 52.6089, 0.4956,
0.4095


 9.8896, 0.5888,
0.4112


 71.3267, 0.4804,
0.4060


 5.3258, 0.6096,
0.3904

 94.0286, 0.4672,
0.4023

 2.4397, 0.6407,
0.3593

 121.0989, 0.4558,
0.3986

 0.8462, 0.6921,
0.3079

 152.9219, 0.4458,
0.3952

 0.0000, 1.0000,
0.0000

 189.8821, 0.4370,

 0.0000, 0.0000,

0.3919

0.0000

232.3639, 0.4293,
0.3889

25.5876, 0.5335,
0.4142

25.5876, 0.5335,
0.4142

25.4805, 0.5344,
0.4139

27.9888, 0.5144,
0.4201

30.7063, 0.4918,
0.4210

33.7676, 0.4664,
0.4167

37.1909, 0.4400,
0.4082

40.9921, 0.4139,
0.3966

■ 45.1861, 0.3892,
0.3833

■ 49.7865, 0.3665,
0.3693

■ 54.8061, 0.3461,
0.3551

■ 60.2572, 0.3280,
0.3414

Harmonies

Analogous

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



25.5876, 0.5443, 0.3358



25.5876, 0.5335, 0.4142



25.5876, 0.4599, 0.4989

Triad

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



25.5876, 0.5335, 0.4142



25.5876, 0.1660, 0.3837



25.5876, 0.2277, 0.1686

Complementary

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



25.5876, 0.5335, 0.4142



14.0806, 0.1747, 0.1485

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.



25.5876, 0.1568, 0.1600



25.5876, 0.5335, 0.4142



25.5876, 0.1257, 0.2534

Square

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



25.5876, 0.5335, 0.4142



25.5876, 0.2504, 0.5243



25.5876, 0.1245, 0.1837



25.5876, 0.3411, 0.2051

Rectangle

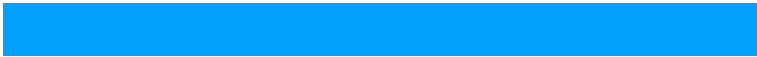
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



25.5876, 0.5335, 0.4142



25.5876, 0.3933, 0.5463



25.5876, 0.1245, 0.1837



25.5876, 0.1992, 0.1625

Sweetspot

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



25.5890, 0.5335, 0.4142



75.0170, 0.3683, 0.3704



15.0029, 0.5038, 0.2552



15.4079, 0.3777, 0.3764



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.



25.5890, 0.5335, 0.4142



38.3384, 0.5359, 0.4127



60.5880, 0.4163, 0.5074



13.4909, 0.3278, 0.3413



15.9278, 0.5323, 0.4155



1.1260, 0.5076, 0.4352

Inverse Universe

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



14.0806, 0.1747, 0.1485



20.8700, 0.1739, 0.1459



4.8063, 0.1506, 0.0606



12.9701, 0.2982, 0.3164



8.8197, 0.1751, 0.1502



0.6970, 0.1841, 0.1826

Previews

White Background



This preview shows how the Yxy color 25.5876, 0.5335, 0.4142 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 25.5876, 0.5335, 0.4142 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 25.5876, 0.5335, 0.4142

Background



This preview shows how black text looks on a background with the Yxy color 25.5876, 0.5335, 0.4142.



This preview shows how white text looks on a background with the Yxy color 25.5876, 0.5335, 0.4142.

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

25.5876, 0.5335, 0.4142

Protanopia

25.6770, 0.4367, 0.4824

Deuteranopia

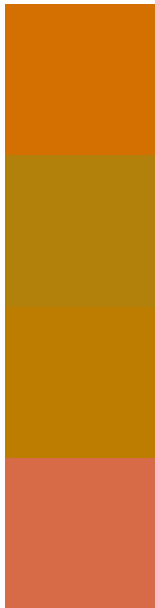
25.7326, 0.4715, 0.4638



Tritanopia

25.6473, 0.4525, 0.3211

Trichromacy



Original Color

25.5876, 0.5335, 0.4142

Protanomaly

25.0742, 0.4741, 0.4564

Deuteranomaly

25.4860, 0.4948, 0.4453

Tritanomaly

25.4174, 0.4996, 0.3690

Monochromacy



Original Color

25.5876, 0.5335, 0.4142

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

22.1460, 0.4083, 0.3948

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5876, 0.5335, 0.4142 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(212, 112, 1)` looks like.

```
.text, #text, p{  
    color:rgb(212, 112, 1)  
}
```

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(212, 112, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 112, 1) }
```

Border

The CSS property to change the border of an element to Yxy 25.5876, 0.5335, 0.4142 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(212, 112, 1) }
```

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

```
.border{ border-color:rgb(212, 112, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 112, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 112, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 112, 1);  
box-shadow:4px 4px 4px 4px rgb(212, 112,  
1) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5876, 0.5335, 0.4142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 112, 1) }
```

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

```
.background{ background-color: rgb(212,  
112, 1) }
```

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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