

Converting Colors

$Y_{xy}(27.1968, 0.5221, 0.3981)$

Have a look what the booklet for
Yxy(27.1968, 0.5221, 0.3981)
contains.

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Color

Yxy(27.2548, 0.5212, 0.3987)

Conversions

Conversions Part 1

Format	Color
Hex	DB7229
RGB	219, 114, 41
RGB Percent	86%, 45%, 16%
CMY	0.1412, 0.5529, 0.8394
CMYK	0.00, 0.48, 0.81, 0.14
HSL	25°, 71%, 51%
HSV	25°, 81%, 86%
XYZ	35.6288, 27.2548, 5.4756
YIQ	137.0730, 86.0130, -0.4430

Conversions

Conversions Part 2

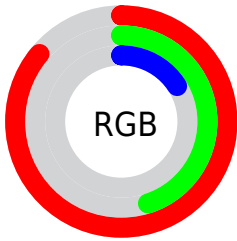
Format	Color
R _Y B	219, 165, 41
Decimal	14381609
CIE Lab	59.21, 36.34, 55.85
CIE LCh	59, 66.630, 56.951
Yxy	27.2548, 0.5212, 0.3987
Android (android.graphics.Color)	4292571689 (0xFFDB7229)
YUV	137.0730, -47.3640, 71.8500
Hunter-Lab	52.2061, 30.4591, 30.3257

Details

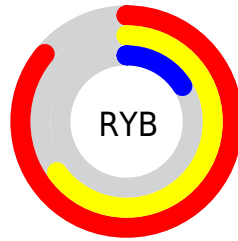
The Yxy color **27.2548, 0.5212, 0.3987** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **26.1196, 0.1983, 0.2161**, and the grayscale version is **25.2030, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.6701, 0.4619, 0.4026**, and **10.8349, 0.5654, 0.3893** is the 20% darker color. If you saturate the color by 10%, you get **24.4331, 0.5485, 0.3943**, and if you desaturate by 10%, it is **30.5756, 0.4903, 0.3978**.

Distribution



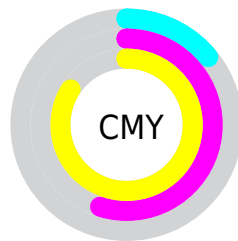
- Red (86%)
- Green (45%)
- Blue (16%)



- Red (86%)
- Yellow (65%)
- Blue (16%)



- Cyan (0%)
- Magenta (48%)
- Yellow (81%)
- Black (14%)





- Cyan (14%)
- Magenta (55%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.2548, 0.5212, 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 27.2548, 0.5212, 0.3987 by changing the saturation by 10% instead.


 27.2548, 0.5212,
0.3987


 27.2548, 0.5212,
0.3987


288.8887, 0.4134,
0.3746


 17.7647, 0.5459,
0.3988


 55.2925, 0.4829,
0.3939


 10.7812, 0.5749,
0.3950


 74.6088, 0.4681,
0.3908


 5.9199, 0.6135,
0.3865


 97.9693, 0.4555,
0.3877

 2.7964, 0.6441,
0.3559

 125.7585, 0.4446,
0.3847

 1.0264, 0.6931,
0.3069

 158.3606, 0.4352,
0.3819

 0.0000, 1.0000,
0.0000

 196.1600, 0.4270,

 0.0000, 0.0000,

0.3793

0.0000

239.5413, 0.4198,
0.3769

■ 27.2548, 0.5212,
0.3987

■ 27.2548, 0.5212,
0.3987

■ 24.4331, 0.5485,
0.3943

■ 30.5756, 0.4903,
0.3978

■ 22.3494, 0.5686,
0.3867

■ 34.4196, 0.4584,
0.3926

■ 38.8137, 0.4275,
0.3842

■ 43.7816, 0.3990,
0.3739

■ 49.3452, 0.3734,
0.3628

■ 55.5250, 0.3509,
0.3515

■ 62.3406, 0.3315,
0.3406

■ 69.8105, 0.3147,
0.3303

■ 77.9526, 0.3003,
0.3207

Harmonies

Analogous

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



27.2548, 0.5135, 0.3262



27.2548, 0.5212, 0.3987



27.2548, 0.4659, 0.4745

Triad

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



27.2548, 0.5212, 0.3987



27.2548, 0.1925, 0.4034



27.2548, 0.2211, 0.1780

Complementary

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



27.2548, 0.5212, 0.3987



26.1196, 0.1983, 0.2161

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.



27.2548, 0.1616, 0.1757



27.2548, 0.5212, 0.3987



27.2548, 0.1456, 0.2810

Square

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



27.2548, 0.5212, 0.3987



27.2548, 0.2771, 0.5141



27.2548, 0.1371, 0.2060



27.2548, 0.3180, 0.2076

Rectangle

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



27.2548, 0.5212, 0.3987



27.2548, 0.4085, 0.5174



27.2548, 0.1371, 0.2060



27.2548, 0.1970, 0.1741

Sweetspot

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



27.2563, 0.5212, 0.3987



75.7648, 0.3571, 0.3548



18.7721, 0.4217, 0.2240



15.5438, 0.3652, 0.3588



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.



27.2563, 0.5212, 0.3987



31.9234, 0.5657, 0.3876



57.0799, 0.4281, 0.4835



13.9247, 0.3281, 0.3386



13.4567, 0.5659, 0.3888



1.0387, 0.5366, 0.4122

Inverse Universe

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



26.1196, 0.1983, 0.2161



29.8546, 0.1861, 0.1888



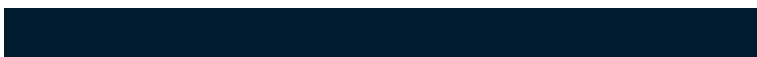
8.6868, 0.1661, 0.0946



13.8869, 0.2982, 0.3192



12.5827, 0.1859, 0.1893



0.9833, 0.1929, 0.2144

Previews

White Background



This preview shows how the Yxy color 27.2548, 0.5212, 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 27.2548, 0.5212, 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 27.2548, 0.5212, 0.3987

Background



This preview shows how black text looks on a background with the Yxy color 27.2548, 0.5212, 0.3987.



This preview shows how white text looks on a background with the Yxy color 27.2548, 0.5212, 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

27.2548, 0.5212, 0.3987

Protanopia

27.3403, 0.4210, 0.4627

Deuteranopia

27.4159, 0.4610, 0.4532



Tritanopia

27.2599, 0.4529, 0.3213

Trichromacy



Original Color

27.2548, 0.5212, 0.3987

Protanomaly

26.5235, 0.4590, 0.4379

Deuteranomaly

27.0290, 0.4842, 0.4324

Tritanomaly

27.2121, 0.4843, 0.3551

Monochromacy



Original Color

27.2548, 0.5212, 0.3987

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.8753, 0.3905, 0.3710

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.2548, 0.5212, 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(219, 114, 41)` looks like.

```
.text, #text, p{  
    color:rgb(219, 114, 41)  
}
```

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, 114, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 114, 41) }
```

Border

The CSS property to change the border of an element to Yxy 27.2548, 0.5212, 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(219, 114, 41) }
```

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

```
.border{ border-color:rgb(219, 114, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 114, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 114, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 114, 41);  
box-shadow:4px 4px 4px 4px rgb(219, 114,  
41) }
```


Background

The CSS property to change the background color of an element to Yxy 27.2548, 0.5212, 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(219, 114, 41) }
```

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

```
.background{ background-color: rgb(219,  
114, 41) }
```

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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