

Converting Colors

$Yxy(24.0456, 0.5189, 0.3617)$

Have a look what the booklet for
Yxy(24.0456, 0.5189, 0.3617)
contains.

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Color

Yxy(24.0028, 0.5188, 0.3612)

Conversions

Conversions Part 1

Format	Color
Hex	DB6142
RGB	219, 97, 66
RGB Percent	86%, 38%, 26%
CMY	0.1411, 0.6196, 0.7411
CMYK	0.00, 0.56, 0.70, 0.14
HSL	12°, 68%, 56%
HSV	12°, 70%, 86%
XYZ	34.4758, 24.0028, 7.9744
YIQ	129.9440, 82.6630, 16.2230

Conversions

Conversions Part 2

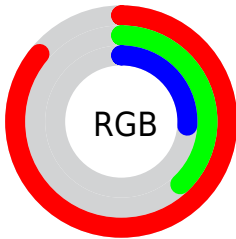
Format	Color
R _Y B	219, 105, 66
Decimal	14377282
CIE Lab	56.09, 45.85, 40.62
CIE LCh	56, 61.252, 41.537
Yxy	24.0028, 0.5188, 0.3612
Android (android.graphics.Color)	4292567362 (0xFFDB6142)
YUV	129.9440, -31.5244, 78.1021
Hunter-Lab	48.9927, 39.8720, 24.6444

Details

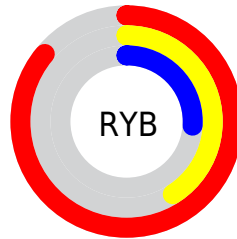
The Yxy color **24.0028, 0.5188, 0.3612** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **42.2631, 0.2221, 0.2841**, and the grayscale version is **22.3947, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.6310, 0.4543, 0.3660**, and **9.1210, 0.5847, 0.3525** is the 20% darker color. If you saturate the color by 10%, you get **20.9131, 0.5591, 0.3597**, and if you desaturate by 10%, it is **27.9048, 0.4774, 0.3596**.

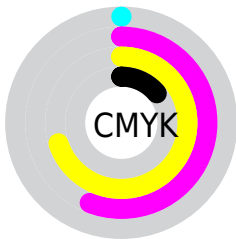
Distribution



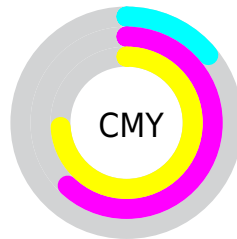
- Red (86%)
- Green (38%)
- Blue (26%)



- Red (86%)
- Yellow (41%)
- Blue (26%)



- Cyan (0%)
- Magenta (56%)
- Yellow (70%)
- Black (14%)



- Cyan (14%)
- Magenta (62%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.0028, 0.5188, 0.3612 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 24.0028, 0.5188, 0.3612 by changing the saturation by 10% instead.


 24.0028, 0.5188,
0.3612


 24.0028, 0.5188,
0.3612


272.8346, 0.4064,
0.3534


 15.3357, 0.5479,
0.3587


 50.0348, 0.4766,
0.3613


 9.0553, 0.5847,
0.3523


 68.1684, 0.4611,
0.3603

 4.7773, 0.6372,
0.3410

 90.2264, 0.4481,
0.3592

 2.1172, 0.6917,
0.3083

 116.5931, 0.4371,
0.3580

 0.6743, 0.7599,
0.2401

 147.6528, 0.4278,
0.3568

 0.0000, 1.0000,
0.0000

183.7901, 0.4197,

 0.0000, 0.0000,

0.3556

0.0000

225.3892, 0.4126,
0.3544

■ 24.0028, 0.5188,
0.3612

■ 24.0028, 0.5188,
0.3612

■ 20.9131, 0.5591,
0.3597

■ 27.9048, 0.4774,
0.3596

■ 18.5725, 0.5936,
0.3546

■ 32.6681, 0.4385,
0.3558


■ 16.9085, 0.6185,
0.3469

■ 38.3424, 0.4041,
0.3507

■ 16.8884, 0.6188,
0.3468


■ 44.9723, 0.3746,
0.3451

■ 52.5996, 0.3499,
0.3395

 61.2634, 0.3294,
0.3340

 71.0009, 0.3125,
0.3289

 81.8472, 0.2985,
0.3242

 93.3003, 0.2911,
0.3281

Harmonies

Analogous

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



24.0028, 0.4732, 0.2931



24.0028, 0.5188, 0.3612



24.0028, 0.4947, 0.4340

Triad

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



24.0028, 0.5188, 0.3612



24.0028, 0.2359, 0.4618



24.0028, 0.1900, 0.1780

Complementary

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



24.0028, 0.5188, 0.3612



42.2631, 0.2221, 0.2841

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.



24.0028, 0.1500, 0.1914



24.0028, 0.5188, 0.3612



24.0028, 0.1697, 0.3398

Square

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



24.0028, 0.5188, 0.3612



24.0028, 0.3289, 0.5268



24.0028, 0.1425, 0.2420



24.0028, 0.2659, 0.1935

Rectangle

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



24.0028, 0.5188, 0.3612



24.0028, 0.4502, 0.4813



24.0028, 0.1425, 0.2420



24.0028, 0.1729, 0.1790

Sweetspot

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



24.0041, 0.5188, 0.3612



72.7295, 0.3529, 0.3402



22.6111, 0.3567, 0.2002



14.9059, 0.3595, 0.3418



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.



24.0041, 0.5188, 0.3612



27.7831, 0.5770, 0.3577



45.3892, 0.4424, 0.4446



13.4762, 0.3287, 0.3338



10.1376, 0.6165, 0.3487



0.7802, 0.5854, 0.3734

Inverse Universe

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



42.2631, 0.2221, 0.2841



54.5979, 0.2121, 0.2731



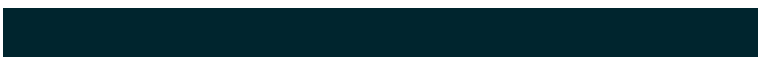
17.8462, 0.1927, 0.1652



14.3586, 0.2982, 0.3242



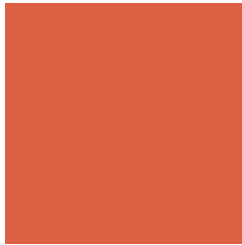
21.2971, 0.2064, 0.2630



1.4955, 0.2097, 0.2749

Previews

White Background



This preview shows how the Yxy color 24.0028, 0.5188, 0.3612 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 24.0028, 0.5188, 0.3612 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 24.0028, 0.5188, 0.3612

Background



This preview shows how black text looks on a background with the Yxy color 24.0028, 0.5188, 0.3612.



This preview shows how white text looks on a background with the Yxy color 24.0028, 0.5188, 0.3612.

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

24.0028, 0.5188, 0.3612

Protanopia

24.1884, 0.3885, 0.4216

Deuteranopia

23.9696, 0.4374, 0.4289



Tritanopia

24.1017, 0.4821, 0.3229

Trichromacy



Original Color

24.0028, 0.5188, 0.3612

Protanomaly

23.1678, 0.4379, 0.3974

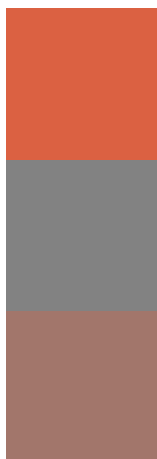
Deuteranomaly

23.5095, 0.4687, 0.4009

Tritanomaly

23.9092, 0.4969, 0.3371

Monochromacy



Original Color

24.0028, 0.5188, 0.3612

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

21.6998, 0.3841, 0.3468

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.0028, 0.5188, 0.3612 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, 97, 66)` looks like.

```
.text, #text, p{  
    color:rgb(219, 97, 66)  
}
```

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, 97, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 97, 66) }
```

Border

The CSS property to change the border of an element to Yxy 24.0028, 0.5188, 0.3612 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, 97, 66) }
```

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

```
.border{ border-color:rgb(219, 97, 66) }
```

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

Here you see how a box with a 4 pixel rgb(219, 97, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 97, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 97, 66);  
box-shadow:4px 4px 4px 4px rgb(219, 97,  
66) }
```


Background

The CSS property to change the background color of an element to Yxy 24.0028, 0.5188, 0.3612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 97, 66) }
```

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

```
.background{ background-color: rgb(219, 97,  
66) }
```

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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