

Converting Colors

$Y_{xy}(28.3551, 0.4532, 0.3642)$

Have a look what the booklet for
Yxy(28.3551, 0.4532, 0.3642)
contains.

Yxy(28.2825, 0.4537, 0.3638)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(28.2825, 0.4537, 0.3638)

Conversions

Conversions Part 1

Format	Color
Hex	D17A5E
RGB	209, 122, 94
RGB Percent	82%, 48%, 37%
CMY	0.1804, 0.5215, 0.6314
CMYK	0.00, 0.42, 0.55, 0.18
HSL	15°, 56%, 59%
HSV	15°, 55%, 82%
XYZ	35.2715, 28.2825, 14.1879
YIQ	144.8210, 60.8400, 9.7360

Conversions

Conversions Part 2

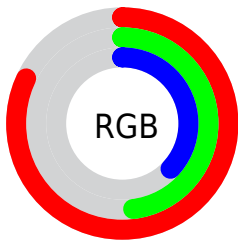
Format	Color
R_{YB}	209, 131, 94
Decimal	13728350
CIE Lab	60.14, 31.10, 29.89
CIE LCh	60, 43.135, 43.857
Yxy	28.2825, 0.4537, 0.3638
Android (android.graphics.Color)	4291918430 (0xFFD17A5E)
YUV	144.8210, -25.0548, 56.2850
Hunter-Lab	53.1813, 25.3195, 21.4093

Details

The Yxy color **28.2825, 0.4537, 0.3638** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **40.0163, 0.2349, 0.2879**, and the grayscale version is **28.3250, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.9643, 0.4123, 0.3607**, and **11.4193, 0.5016, 0.3674** is the 20% darker color. If you saturate the color by 10%, you get **24.3866, 0.4923, 0.3675**, and if you desaturate by 10%, it is **32.9142, 0.4184, 0.3583**.

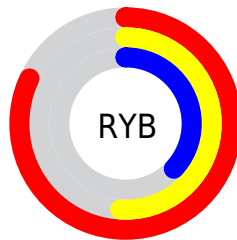
Distribution



Red (82%)

Green (48%)

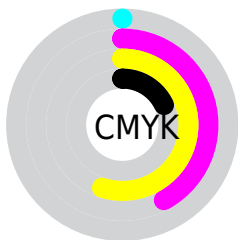
Blue (37%)



Red (82%)

Yellow (51%)

Blue (37%)

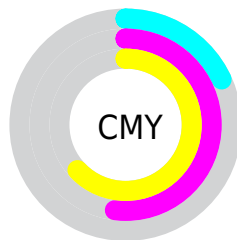


Cyan (0%)

Magenta (42%)

Yellow (55%)

Black (18%)



Cyan (18%)


Magenta (52%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.2825, 0.4537, 0.3638 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 28.2825, 0.4537, 0.3638 by changing the saturation by 10% instead.

 28.2825, 0.4537,
0.3638


 28.2825, 0.4537,
0.3638


293.8144, 0.3773,
0.3494


 18.5387, 0.4743,
0.3657


 56.9352, 0.4247,
0.3596

 11.3374, 0.5012,
0.3669


 76.6128, 0.4142,
0.3577

 6.2943, 0.5374,
0.3657


 100.3706, 0.4054,
0.3560

 3.0248, 0.5961,
0.3633

 128.5928, 0.3980,
0.3544

 1.1447, 0.6638,
0.3362

161.6639, 0.3917,
0.3529

 0.0158, 0.9800,
0.0200

199.9682, 0.3862,

 0.0000, 0.0000,

0.3516


0.0000


243.8903, 0.3814,
0.3505


 28.2825, 0.4537,
0.3638


 28.2825, 0.4537,
0.3638


 24.3866, 0.4923,
0.3675

 32.9142, 0.4184,
0.3583

 21.1833, 0.5319,
0.3682

 38.3132, 0.3876,
0.3518

 18.6313, 0.5687,
0.3650

 44.5144, 0.3613,
0.3450

 16.6825, 0.5983,
0.3578

 51.5494, 0.3392,
0.3383

 15.9144, 0.6103,
0.3536

 59.4477, 0.3208,
0.3320

■ 68.2376, 0.3054,
0.3261

■ 77.9461, 0.2926,
0.3208

■ 88.1942, 0.2851,
0.3222

■ 92.2934, 0.2855,
0.3289

Harmonies

Analogous

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



28.2825, 0.4240, 0.3111



28.2825, 0.4537, 0.3638



28.2825, 0.4397, 0.4154

Triad

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



28.2825, 0.4537, 0.3638



28.2825, 0.2587, 0.4080



28.2825, 0.2297, 0.2202

Complementary

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



28.2825, 0.4537, 0.3638



40.0163, 0.2349, 0.2879

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.



28.2825, 0.1963, 0.2310



28.2825, 0.4537, 0.3638



28.2825, 0.2105, 0.3336

Square

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



28.2825, 0.4537, 0.3638



28.2825, 0.3248, 0.4551



28.2825, 0.1895, 0.2688



28.2825, 0.2874, 0.2328

Rectangle

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



28.2825, 0.4537, 0.3638



28.2825, 0.4102, 0.4432



28.2825, 0.1895, 0.2688



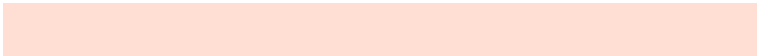
28.2825, 0.2157, 0.2210

Sweetspot

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



28.2840, 0.4537, 0.3638



78.3516, 0.3437, 0.3398



24.9415, 0.3497, 0.2251



16.2801, 0.3480, 0.3411



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.



28.2840, 0.4537, 0.3638



37.3059, 0.4992, 0.3678



46.3306, 0.4108, 0.4297



12.2694, 0.3285, 0.3347



9.9443, 0.6079, 0.3555



0.6831, 0.5712, 0.3847

Inverse Universe

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



40.0163, 0.2349, 0.2879



57.3201, 0.2227, 0.2775



21.5630, 0.2164, 0.1993



12.8986, 0.2983, 0.3232



18.0922, 0.2024, 0.2488



1.1313, 0.2070, 0.2652

Previews

White Background



This preview shows how the Yxy color 28.2825, 0.4537, 0.3638 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 28.2825, 0.4537, 0.3638 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 28.2825, 0.4537, 0.3638

Background



This preview shows how black text looks on a background with the Yxy color 28.2825, 0.4537, 0.3638.



This preview shows how white text looks on a background with the Yxy color 28.2825, 0.4537, 0.3638.

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

28.2825, 0.4537, 0.3638

Protanopia

28.3982, 0.3688, 0.3955

Deuteranopia

28.4507, 0.4069, 0.3988



Tritanopia

28.3121, 0.4185, 0.3193

Trichromacy



Original Color

28.2825, 0.4537, 0.3638

Protanomaly

28.0415, 0.3986, 0.3835

Deuteranomaly

28.2391, 0.4241, 0.3856

Tritanomaly

28.1102, 0.4323, 0.3356

Monochromacy



Original Color

28.2825, 0.4537, 0.3638

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.7225, 0.3601, 0.3459

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.2825, 0.4537, 0.3638 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(209, 122, 94)` looks like.

```
.text, #text, p{  
    color:rgb(209, 122, 94)  
}
```

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(209, 122, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 122, 94) }
```

Border

The CSS property to change the border of an element to Yxy 28.2825, 0.4537, 0.3638 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(209, 122, 94) }
```

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

```
.border{ border-color:rgb(209, 122, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 122, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 122, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 122, 94);  
box-shadow:4px 4px 4px 4px rgb(209, 122,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 28.2825, 0.4537, 0.3638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 122, 94) }
```

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

```
.background{ background-color: rgb(209,  
122, 94) }
```

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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