

Converting Colors

$Y_{xy}(40.1264, 0.4277, 0.4127)$

Have a look what the booklet for
Yxy(40.1264, 0.4277, 0.4127)
contains.

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Color

Yxy(40.0940, 0.4276, 0.4132)

Conversions

Conversions Part 1

Format	Color
Hex	D3A15B
RGB	211, 161, 91
RGB Percent	83%, 63%, 36%
CMY	0.1727, 0.3686, 0.6432
CMYK	0.00, 0.24, 0.57, 0.17
HSL	35°, 58%, 59%
HSV	35°, 57%, 83%
XYZ	41.4913, 40.0940, 15.4476
YIQ	167.9700, 52.2700, -11.1700

Conversions

Conversions Part 2

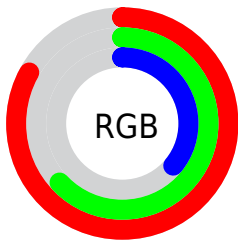
Format	Color
R_{YB}	177, 211, 91
Decimal	13869403
CIE _{Lab}	69.54, 10.60, 43.17
CIE _{LCh}	70, 44.449, 76.200
Yxy	40.0940, 0.4276, 0.4132
Android (android.graphics.Color)	4292059483 (0xFFD3A15B)
YUV	167.9700, -37.9462, 37.7373
Hunter-Lab	63.3198, 6.1551, 29.8594

Details

The Yxy color **40.0940, 0.4276, 0.4132** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **25.9604, 0.2190, 0.2222**, and the grayscale version is **39.3131, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.3549, 0.3945, 0.4035**, and **18.0913, 0.4566, 0.4318** is the 20% darker color. If you saturate the color by 10%, you get **36.8180, 0.4516, 0.4239**, and if you desaturate by 10%, it is **43.6919, 0.4038, 0.3998**.

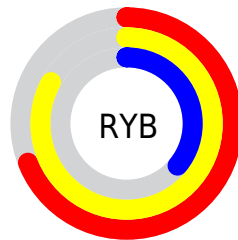
Distribution



Red (83%)

Green (63%)

Blue (36%)



Red (69%)

Yellow (83%)

Blue (36%)

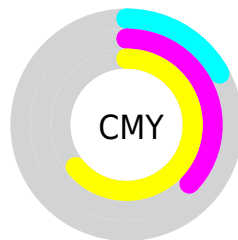


Cyan (0%)

Magenta (24%)

Yellow (57%)

Black (17%)



Cyan (17%)


Magenta (37%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.0940, 0.4276, 0.4132 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 40.0940, 0.4276, 0.4132 by changing the saturation by 10% instead.


 40.0940, 0.4276,
0.4132


 40.0940, 0.4276,
0.4132


346.5196, 0.3702,
0.3735


 27.6118, 0.4412,
0.4216


 75.3066, 0.4071,
0.3997

 18.0333, 0.4579,
0.4313


 98.8059, 0.3993,
0.3944

 10.9739, 0.4784,
0.4419


 126.7463, 0.3926,
0.3897

 6.0493, 0.5053,
0.4540

 159.5123, 0.3868,
0.3856

 2.8751, 0.5374,
0.4626

197.4882, 0.3818,
0.3820

 1.0669, 0.5560,
0.4440

241.0585, 0.3775,

 0.0000, 1.0000,

0.3789

0.0000

290.6075, 0.3736,
0.3760

0.0000, 0.0000,
0.0000

40.0940, 0.4276,
0.4132

40.0940, 0.4276,
0.4132

36.8180, 0.4516,
0.4239

43.6919, 0.4038,
0.3998

33.8449, 0.4746,
0.4306

47.6180, 0.3810,
0.3849

31.1618, 0.4952,
0.4325

51.8854, 0.3599,
0.3693

28.7505, 0.5124,
0.4290

56.5047, 0.3407,
0.3538

28.0433, 0.5174,
0.4273

61.4856, 0.3234,
0.3388

■ 66.8377, 0.3081,
0.3247

■ 72.5701, 0.2946,
0.3114

■ 78.3800, 0.2853,
0.3040

■ 83.4296, 0.2858,
0.3134

Harmonies

Analogous

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



40.0940, 0.4427, 0.3662



40.0940, 0.4276, 0.4132



40.0940, 0.3815, 0.4448

Triad

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



40.0940, 0.4276, 0.4132



40.0940, 0.2158, 0.3285



40.0940, 0.2947, 0.2414

Complementary

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



40.0940, 0.4276, 0.4132



25.9604, 0.2190, 0.2222

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.



40.0940, 0.2394, 0.2281



40.0940, 0.4276, 0.4132



40.0940, 0.1980, 0.2705

Square

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



40.0940, 0.4276, 0.4132



40.0940, 0.2591, 0.3961



40.0940, 0.2062, 0.2368



40.0940, 0.3614, 0.2728

Rectangle

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



40.0940, 0.4276, 0.4132



40.0940, 0.3410, 0.4477



40.0940, 0.2062, 0.2368



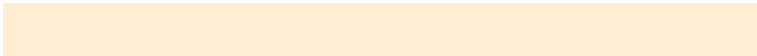
40.0940, 0.2742, 0.2347

Sweetspot

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



40.0960, 0.4276, 0.4132



86.5355, 0.3412, 0.3543



23.2486, 0.4094, 0.2689



18.2051, 0.3450, 0.3574



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.



40.0960, 0.4276, 0.4132



55.6484, 0.4560, 0.4255



59.7444, 0.3853, 0.4674



12.9381, 0.3276, 0.3426



17.1354, 0.5156, 0.4288



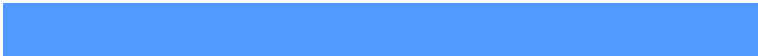
1.1129, 0.4933, 0.4465

Inverse Universe

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



25.9604, 0.2190, 0.2222



32.0406, 0.2012, 0.1952



14.9490, 0.2103, 0.1507



12.2149, 0.2982, 0.3151



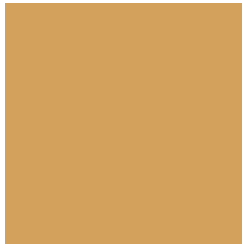
7.2280, 0.1701, 0.1323



0.5592, 0.1802, 0.1688

Previews

White Background



This preview shows how the Yxy color 40.0940, 0.4276, 0.4132 looks on a white background.

Color Contrast Check

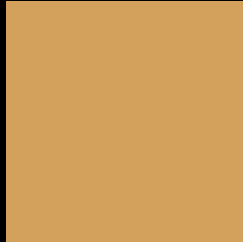
Large Text (above 18pt) WCAG AA × Fail

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 40.0940, 0.4276, 0.4132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

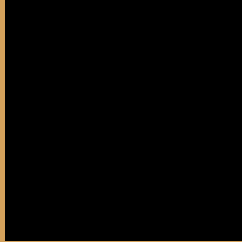
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.0940, 0.4276, 0.4132

Background



This preview shows how black text looks on a background with the Yxy color 40.0940, 0.4276, 0.4132.



This preview shows how white text looks on a background with the Yxy color 40.0940, 0.4276, 0.4132.

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

40.0940, 0.4276, 0.4132

Protanopia

40.1224, 0.3949, 0.4296

Deuteranopia

40.0059, 0.4239, 0.4155



Tritanopia

40.2145, 0.3668, 0.3158

Trichromacy



Original Color

40.0940, 0.4276, 0.4132

Protanomaly

40.1635, 0.4067, 0.4237

Deuteranomaly

40.1513, 0.4249, 0.4151

Tritanomaly

40.0301, 0.3914, 0.3527

Monochromacy



Original Color

40.0940, 0.4276, 0.4132

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.9941, 0.3538, 0.3635

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.0940, 0.4276, 0.4132 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(211, 161, 91)` looks like.

```
.text, #text, p{  
    color:rgb(211, 161, 91)  
}
```

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(211, 161, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 161, 91) }
```

Border

The CSS property to change the border of an element to Yxy 40.0940, 0.4276, 0.4132 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(211, 161, 91) }
```

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

```
.border{ border-color:rgb(211, 161, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 161, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 161, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 161, 91);  
box-shadow:4px 4px 4px 4px rgb(211, 161,  
91) }
```


Background

The CSS property to change the background color of an element to Yxy 40.0940, 0.4276, 0.4132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 161, 91) }
```

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

```
.background{ background-color: rgb(211,  
161, 91) }
```

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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