

Converting Colors

$Y_{xy}(52.7286, 0.4004, 0.4291)$

Have a look what the booklet for
Yxy(52.7286, 0.4004, 0.4291)
contains.

Yxy(52.7286, 0.4004, 0.4291)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.7286, 0.4004, 0.4291)

Conversions

Conversions Part 1

Format	Color
Hex	D7BF69
RGB	215, 191, 105
RGB Percent	84%, 75%, 41%
CMY	0.1569, 0.2509, 0.5882
CMYK	0.00, 0.11, 0.51, 0.16
HSL	47°, 58%, 63%
HSV	47°, 51%, 84%
XYZ	49.2019, 52.7286, 20.9514
YIQ	188.3720, 41.9100, -21.6580

Conversions

Conversions Part 2

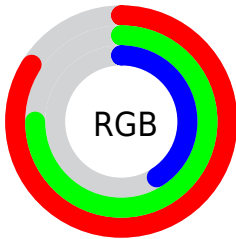
Format	Color
RYB	136, 215, 105
Decimal	14139241
CIELab	77.71, -2.47, 46.11
CIELCh	78, 46.179, 93.071
Yxy	52.7286, 0.4004, 0.4291
Android (android.graphics.Color)	4292329321 (0xFFD7BF69)
YUV	188.3720, -41.1024, 23.3528
Hunter-Lab	72.6145, -6.1278, 33.7233

Details

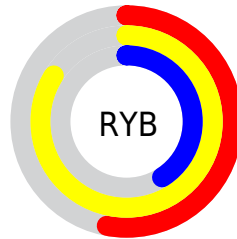
The Yxy color **52.7286, 0.4004, 0.4291** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **23.6058, 0.2217, 0.2017**, and the grayscale version is **50.7335, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2502, 0.3727, 0.4170**, and **25.7124, 0.4203, 0.4530** is the 20% darker color. If you saturate the color by 10%, you get **50.3317, 0.4177, 0.4451**, and if you desaturate by 10%, it is **55.3076, 0.3823, 0.4107**.

Distribution



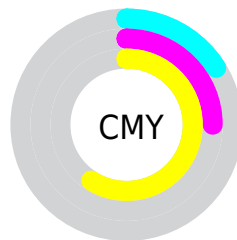
- Red (84%)
- Green (75%)
- Blue (41%)



- Red (53%)
- Yellow (84%)
- Blue (41%)



- Cyan (0%)
- Magenta (11%)
- Yellow (51%)
- Black (16%)




- Cyan (16%)
- Magenta (25%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.7286, 0.4004, 0.4291 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 52.7286, 0.4004, 0.4291 by changing the saturation by 10% instead.


 52.7286, 0.4004,
0.4291

 52.7286, 0.4004,
0.4291


397.2430, 0.3593,
0.3816

 37.5862, 0.4094,
0.4397


 94.2049, 0.3863,
0.4127


 25.6617, 0.4201,
0.4525


 121.3075, 0.3808,
0.4062

 16.5707, 0.4327,
0.4678


 153.1657, 0.3760,
0.4007

 9.9289, 0.4472,
0.4859

 190.1637, 0.3718,
0.3959

 5.3518, 0.4720,
0.5167

232.6861, 0.3681,
0.3916

 2.4551, 0.4744,
0.5256

281.1172, 0.3648,


 0.8540, 0.4680,

0.3879


0.5320


335.8413, 0.3619,
0.3845


 0.0000, 0.0000,
0.0000

 52.7286, 0.4004,
0.4291


 52.7286, 0.4004,
0.4291

 50.3317, 0.4177,
0.4451

 55.3076, 0.3823,
0.4107


 48.1003, 0.4334,
0.4577

 58.0695, 0.3642,
0.3909


 46.0264, 0.4468,
0.4660

 61.0245, 0.3466,
0.3706

 44.0976, 0.4573,
0.4696

 64.1796, 0.3300,
0.3505

 42.4939, 0.4645,
0.4694

 67.5414, 0.3144,
0.3312

■ 71.1160, 0.3002,
0.3128

■ 74.8773, 0.2875,
0.2962

■ 77.4285, 0.2877,
0.3012

■ 80.0497, 0.2879,
0.3062

Harmonies

Analogous

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



52.7286, 0.4326, 0.3912



52.7286, 0.4004, 0.4291



52.7286, 0.3463, 0.4420

Triad

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



52.7286, 0.4004, 0.4291



52.7286, 0.2076, 0.2955



52.7286, 0.3311, 0.2604

Complementary

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



52.7286, 0.4004, 0.4291



23.6058, 0.2217, 0.2017

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.



52.7286, 0.2705, 0.2374



52.7286, 0.4004, 0.4291



52.7286, 0.2046, 0.2524

Square

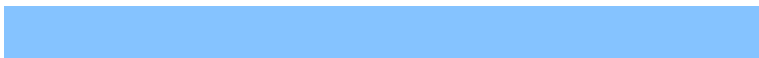
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



52.7286, 0.4004, 0.4291



52.7286, 0.2359, 0.3571



52.7286, 0.2262, 0.2336



52.7286, 0.3919, 0.2981

Rectangle

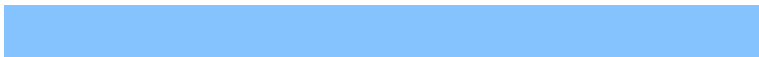
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



52.7286, 0.4004, 0.4291



52.7286, 0.3058, 0.4289



52.7286, 0.2262, 0.2336



52.7286, 0.3099, 0.2508

Sweetspot

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



52.7311, 0.4004, 0.4291



92.5716, 0.3365, 0.3585



26.1799, 0.4232, 0.2983



19.6027, 0.3400, 0.3628



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.



52.7311, 0.4004, 0.4291



73.9305, 0.4184, 0.4458



60.0092, 0.3631, 0.4634



14.0391, 0.3272, 0.3471



25.5825, 0.4636, 0.4701



1.6595, 0.4545, 0.4773

Inverse Universe

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



23.6058, 0.2217, 0.2017



26.7716, 0.2024, 0.1710



20.1070, 0.2385, 0.1763



12.4433, 0.2982, 0.3102



4.2729, 0.1566, 0.0836



0.3821, 0.1656, 0.1161

Previews

White Background



This preview shows how the Yxy color 52.7286, 0.4004, 0.4291 looks on a white background.

Color Contrast Check

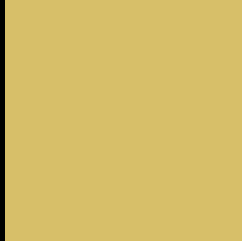
Large Text (above 18pt) WCAG AA × Fail

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 52.7286, 0.4004, 0.4291 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 52.7286, 0.4004, 0.4291

Background



This preview shows how black text looks on a background with the Yxy color 52.7286, 0.4004, 0.4291.

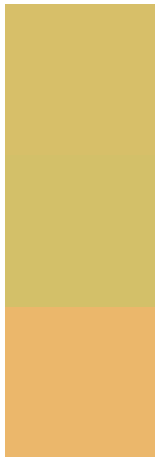


This preview shows how white text looks on a background with the Yxy color 52.7286, 0.4004, 0.4291.

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

52.7286, 0.4004, 0.4291

Protanopia

52.5681, 0.3963, 0.4316

Deuteranopia

52.5907, 0.4218, 0.4120



Tritanopia

52.8352, 0.3384, 0.3131

Trichromacy



Original Color

52.7286, 0.4004, 0.4291

Protanomaly

52.7162, 0.3972, 0.4312

Deuteranomaly

52.6524, 0.4144, 0.4183

Tritanomaly

52.6787, 0.3630, 0.3562

Monochromacy



Original Color

52.7286, 0.4004, 0.4291

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.8696, 0.3449, 0.3681

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7286, 0.4004, 0.4291 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(215, 191, 105)` looks like.

```
.text, #text, p{  
    color:rgb(215, 191, 105)  
}
```

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(215, 191, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 191, 105) }
```

Border

The CSS property to change the border of an element to Yxy 52.7286, 0.4004, 0.4291 is called "border". The border property can be set on classes, ids or directly on the HTML element.

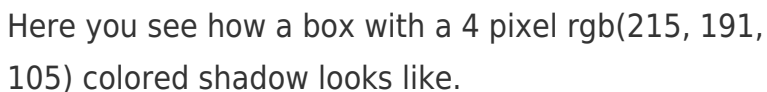
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 191, 105) }
```

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

```
.border{ border-color:rgb(215, 191, 105) }
```

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



Here you see how a box with a 4 pixel `rgb(215, 191, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 191, 105); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 191, 105); box-shadow:4px 4px 4px 4px rgb(215, 191, 105) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7286, 0.4004, 0.4291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 191, 105) }
```

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

```
.background{ background-color: rgb(215,  
191, 105) }
```

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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