

Converting Colors

$Yxy(60.9793, 0.4272, 0.4941)$

Have a look what the booklet for
Yxy(60.9793, 0.4272, 0.4941)
contains.

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Color

Yxy(61.0272, 0.4272, 0.4942)

Conversions

Conversions Part 1

Format	Color
Hex	DDD115
RGB	221, 209, 21
RGB Percent	87%, 82%, 8%
CMY	0.1333, 0.1804, 0.9178
CMYK	0.00, 0.05, 0.91, 0.13
HSL	56°, 83%, 47%
HSV	56°, 91%, 87%
XYZ	52.7536, 61.0272, 9.7061
YIQ	191.1560, 67.5000, -55.9240

Conversions

Conversions Part 2

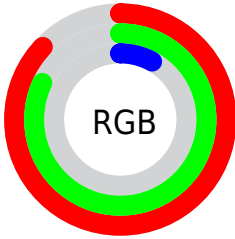
Format	Color
RYB	34, 221, 21
Decimal	14536981
CIELab	82.39, -13.20, 80.30
CIELCh	82, 81.380, 99.338
Yxy	61.0272, 0.4272, 0.4942
Android (android.graphics.Color)	4292727061 (0xFFDDD115)
YUV	191.1560, -83.8869, 26.1732
Hunter-Lab	78.1199, -16.1706, 47.3174

Details

The Yxy color **61.0272, 0.4272, 0.4942** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **6.4645, 0.1557, 0.0724**, and the grayscale version is **52.6620, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.5703, 0.4013, 0.4755**, and **31.0198, 0.4259, 0.5000** is the 20% darker color. If you saturate the color by 10%, you get **60.3618, 0.4303, 0.4965**, and if you desaturate by 10%, it is **61.8037, 0.4217, 0.4882**.

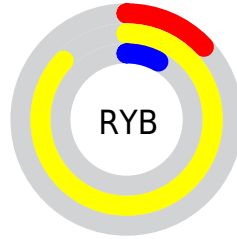
Distribution



Red (87%)

Green (82%)

Blue (8%)



Red (13%)

Yellow (87%)

Blue (8%)

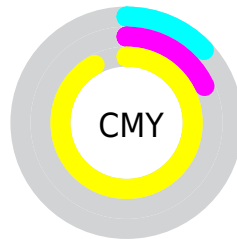


Cyan (0%)

Magenta (5%)

Yellow (91%)

Black (13%)



Cyan (13%)


Magenta (18%)

Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.0272, 0.4272, 0.4942 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 61.0272, 0.4272, 0.4942 by changing the saturation by 10% instead.


 61.0272, 0.4272,
0.4942


 61.0272, 0.4272,
0.4942


428.3737, 0.3819,
0.4221


 44.2471, 0.4340,
0.5075


 106.3183, 0.4141,
0.4713

 30.8648, 0.4401,
0.5219


 135.5981, 0.4082,
0.4617

 20.4959, 0.4447,
0.5369

 169.8133, 0.4027,
0.4532

 12.7561, 0.4471,
0.5529

 209.3483, 0.3978,
0.4455

 7.2608, 0.4386,
0.5614

 254.5874, 0.3932,
0.4387

 3.6257, 0.4255,
0.5745

 305.9151, 0.3891,

 1.4665, 0.4029,

0.4326

0.5971

363.7158, 0.3853,
0.4271

■ 0.2650, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 61.0272, 0.4272,
0.4942

■ 61.0272, 0.4272,
0.4942

■ 60.3618, 0.4303,
0.4965

■ 61.8037, 0.4217,
0.4882


■ 62.6705, 0.4135,
0.4778


■ 63.6430, 0.4027,
0.4631

■ 64.7315, 0.3898,
0.4448

 65.9453, 0.3753,
0.4237

 67.2925, 0.3598,
0.4008

 68.7806, 0.3441,
0.3771

 70.4165, 0.3285,
0.3533

 72.2067, 0.3135,
0.3302

Harmonies

Analogous

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



61.0272, 0.4946, 0.4275



61.0272, 0.4272, 0.4942



61.0272, 0.3363, 0.5222

Triad

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



61.0272, 0.4272, 0.4942



61.0272, 0.1467, 0.2499



61.0272, 0.3627, 0.2325

Complementary

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



61.0272, 0.4272, 0.4942



6.4645, 0.1557, 0.0724

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.



61.0272, 0.2606, 0.1943



61.0272, 0.4272, 0.4942



61.0272, 0.1516, 0.1968

Square

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



61.0272, 0.4272, 0.4942



61.0272, 0.1764, 0.3485



61.0272, 0.1886, 0.1810



61.0272, 0.4631, 0.2896

Rectangle

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



61.0272, 0.4272, 0.4942



61.0272, 0.2735, 0.4944



61.0272, 0.1886, 0.1810



61.0272, 0.3266, 0.2173

Sweetspot

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



61.0301, 0.4272, 0.4942



93.7268, 0.3547, 0.3930



16.0239, 0.6146, 0.3242



19.9148, 0.3601, 0.4011



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.



61.0301, 0.4272, 0.4942



83.4133, 0.4304, 0.4965



56.8593, 0.3499, 0.5546



15.1232, 0.3268, 0.3507



35.1268, 0.4301, 0.4967



2.3171, 0.4282, 0.4982

Inverse Universe

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



6.4645, 0.1557, 0.0724



7.5697, 0.1507, 0.0626



8.9213, 0.1996, 0.0915



12.7418, 0.2981, 0.3063



3.2583, 0.1511, 0.0640



0.2562, 0.1544, 0.0759

Previews

White Background



This preview shows how the Yxy color 61.0272, 0.4272, 0.4942 looks on a white background.

Color Contrast Check

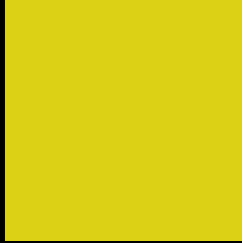
Large Text (above 18pt) WCAG AA × Fail

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 61.0272, 0.4272, 0.4942 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 61.0272, 0.4272, 0.4942

Background



This preview shows how black text looks on a background with the Yxy color 61.0272, 0.4272, 0.4942.

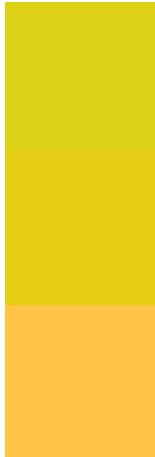


This preview shows how white text looks on a background with the Yxy color 61.0272, 0.4272, 0.4942.

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

61.0272, 0.4272, 0.4942

Protanopia

60.6986, 0.4391, 0.4854

Deuteranopia

60.7324, 0.4520, 0.4438



Tritanopia

60.6794, 0.3336, 0.3127

Trichromacy



Original Color

61.0272, 0.4272, 0.4942

Protanomaly

60.5240, 0.4348, 0.4885

Deuteranomaly

60.6112, 0.4455, 0.4637

Tritanomaly

59.4279, 0.3821, 0.3946

Monochromacy



Original Color

61.0272, 0.4272, 0.4942

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

54.5297, 0.3681, 0.4138

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0272, 0.4272, 0.4942 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(221, 209, 21)` looks like.

```
.text, #text, p{  
    color:rgb(221, 209, 21)  
}
```

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(221, 209, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 209, 21) }
```

Border

The CSS property to change the border of an element to Yxy 61.0272, 0.4272, 0.4942 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(221, 209, 21) }
```

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

```
.border{ border-color:rgb(221, 209, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 209, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 209, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 209, 21);  
box-shadow:4px 4px 4px 4px rgb(221, 209,  
21) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0272, 0.4272, 0.4942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 209, 21) }
```

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

```
.background{ background-color: rgb(221,  
209, 21) }
```

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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