

Converting Colors

Yxy(41.2395, 0.3624, 0.3258)

Have a look what the booklet for
Yxy(41.2395, 0.3624, 0.3258)
contains.

Yxy(41.3665, 0.3631, 0.3267)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(41.3665, 0.3631, 0.3267)

Conversions

Conversions Part 1

Format	Color
Hex	D49FA1
RGB	212, 159, 161
RGB Percent	83%, 62%, 63%
CMY	0.1687, 0.3764, 0.3686
CMYK	0.00, 0.25, 0.24, 0.17
HSL	358°, 38%, 73%
HSV	358°, 25%, 83%
XYZ	45.9754, 41.3665, 39.2773
YIQ	175.0750, 30.9460, 11.8580

Conversions

Conversions Part 2

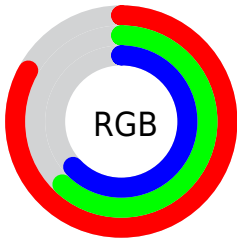
Format	Color
R _Y B	212, 159, 161
Decimal	13934497
CIE Lab	70.43, 19.94, 6.65
CIE LCh	70, 21.021, 18.439
Yxy	41.3665, 0.3631, 0.3267
Android (android.graphics.Color)	4292124577 (0xFFD49FA1)
YUV	175.0750, -6.9390, 32.3832
Hunter-Lab	64.3168, 15.0424, 8.8143

Details

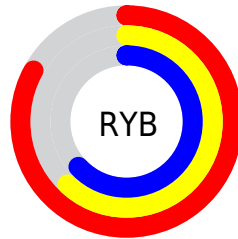
The Yxy color **41.3665, 0.3631, 0.3267** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **59.0971, 0.2774, 0.3314**, and the grayscale version is **42.9353, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.3110, 0.3419, 0.3271**, and **18.7091, 0.3775, 0.3242** is the 20% darker color. If you saturate the color by 10%, you get **34.0294, 0.3923, 0.3258**, and if you desaturate by 10%, it is **50.0750, 0.3395, 0.3277**.

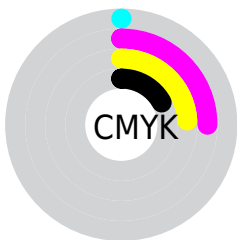
Distribution



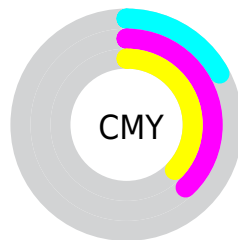
- Red (83%)
- Green (62%)
- Blue (63%)



- Red (83%)
- Yellow (62%)
- Blue (63%)



- Cyan (0%)
- Magenta (25%)
- Yellow (24%)
- Black (17%)





- Cyan (17%)
- Magenta (38%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.3665, 0.3631, 0.3267 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 41.3665, 0.3631, 0.3267 by changing the saturation by 10% instead.


 41.3665, 0.3631,
0.3267


 41.3665, 0.3631,
0.3267


351.8501, 0.3372,
0.3283

 28.6056, 0.3698,
0.3262


 77.2399, 0.3535,
0.3274

 18.7826, 0.3785,
0.3254


 101.1212, 0.3500,
0.3276

 11.5133, 0.3903,
0.3242


129.4781, 0.3470,
0.3278

 6.4132, 0.4073,
0.3222

162.6950, 0.3445,
0.3279

 3.0979, 0.4334,
0.3186

201.1562, 0.3423,
0.3280

 1.1831, 0.4801,
0.3113

245.2462, 0.3404,

 0.0478, 0.9176,

0.3281

0.0824

295.3494, 0.3387,
0.3282

0.0000, 0.0000,
0.0000

41.3665, 0.3631,
0.3267

41.3665, 0.3631,
0.3267

34.0294, 0.3923,
0.3258

50.0750, 0.3395,
0.3277

27.9885, 0.4279,
0.3249

60.2137, 0.3207,
0.3286

23.1701, 0.4698,
0.3243

71.8449, 0.3056,
0.3294

19.4910, 0.5162,
0.3242

85.0257, 0.2934,
0.3302

16.8573, 0.5626,
0.3247

92.7324, 0.2871,
0.3289

■ 15.1604, 0.6024,
0.3260

■ 14.2678, 0.6288,
0.3278

■ 14.0098, 0.6368,
0.3281

Harmonies

Analogous

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



41.3665, 0.3384, 0.3030



41.3665, 0.3631, 0.3267



41.3665, 0.3736, 0.3521

Triad

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



41.3665, 0.3631, 0.3267



41.3665, 0.3156, 0.3779



41.3665, 0.2607, 0.2838

Complementary

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



41.3665, 0.3631, 0.3267



59.0971, 0.2774, 0.3314

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.



41.3665, 0.2554, 0.3013



41.3665, 0.3631, 0.3267



41.3665, 0.2862, 0.3571

Square

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



41.3665, 0.3631, 0.3267



41.3665, 0.3453, 0.3834



41.3665, 0.2645, 0.3282



41.3665, 0.2792, 0.2786

Rectangle

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



41.3665, 0.3631, 0.3267



41.3665, 0.3710, 0.3670



41.3665, 0.2645, 0.3282



41.3665, 0.2573, 0.2883

Sweetspot

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



41.3684, 0.3631, 0.3267



88.0775, 0.3243, 0.3284



43.1571, 0.3132, 0.2668



18.6435, 0.3254, 0.3283



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.



41.3684, 0.3631, 0.3267



56.6510, 0.3779, 0.3262



50.3000, 0.3581, 0.3581



12.4282, 0.3285, 0.3282



8.6551, 0.6358, 0.3276



0.5247, 0.6224, 0.3202

Inverse Universe

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



41.3684, 0.3631, 0.3267



56.6510, 0.3779, 0.3262



48.1518, 0.2735, 0.2980



12.4282, 0.3285, 0.3282



8.6551, 0.6358, 0.3276



0.5247, 0.6224, 0.3202

Previews

White Background



This preview shows how the Yxy color 41.3665, 0.3631, 0.3267 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 41.3665, 0.3631, 0.3267 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 41.3665, 0.3631, 0.3267

Background



This preview shows how black text looks on a background with the Yxy color 41.3665, 0.3631, 0.3267.



This preview shows how white text looks on a background with the Yxy color 41.3665, 0.3631, 0.3267.

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

41.3665, 0.3631, 0.3267

Protanopia

41.6793, 0.3206, 0.3345

Deuteranopia

41.6448, 0.3445, 0.3383



Tritanopia

41.5021, 0.3555, 0.3144

Trichromacy



Original Color

41.3665, 0.3631, 0.3267

Protanomaly

41.3012, 0.3361, 0.3317

Deuteranomaly

41.5065, 0.3520, 0.3342

Tritanomaly

41.3899, 0.3585, 0.3181

Monochromacy



Original Color

41.3665, 0.3631, 0.3267

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

41.9696, 0.3294, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.3665, 0.3631, 0.3267 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(212, 159, 161)` looks like.

```
.text, #text, p{  
    color:rgb(212, 159, 161)  
}
```

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(212, 159, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 159, 161) }
```

Border

The CSS property to change the border of an element to Yxy 41.3665, 0.3631, 0.3267 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(212, 159, 161) }
```

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

```
.border{ border-color:rgb(212, 159, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 159, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 159, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 159, 161);  
box-shadow:4px 4px 4px 4px rgb(212, 159,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 41.3665, 0.3631, 0.3267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 159, 161) }
```

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

```
.background{ background-color: rgb(212,  
159, 161) }
```

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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