

Converting Colors

$Y_{xy}(42.7082, 0.3735, 0.3218)$

Have a look what the booklet for
Yxy(42.7082, 0.3735, 0.3218)
contains.

Yxy(42.6056, 0.3735, 0.3221)	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(42.6056, 0.3735, 0.3221)

Conversions

Conversions Part 1

Format	Color
Hex	E09DA3
RGB	224, 157, 163
RGB Percent	88%, 62%, 64%
CMY	0.1216, 0.3843, 0.3608
CMYK	0.00, 0.30, 0.27, 0.12
HSL	355°, 52%, 75%
HSV	355°, 30%, 88%
XYZ	49.4045, 42.6056, 40.2643
YIQ	177.7170, 38.0060, 16.0700

Conversions

Conversions Part 2

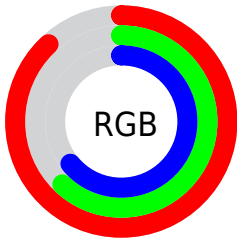
Format	Color
R_{YB}	224, 157, 163
Decimal	14720419
CIE _{Lab}	71.29, 25.78, 6.94
CIE _{LCh}	71, 26.701, 15.064
Yxy	42.6056, 0.3735, 0.3221
Android (android.graphics.Color)	4292910499 (0xFFE09DA3)
YUV	177.7170, -7.2555, 40.5902
Hunter-Lab	65.2730, 20.8773, 9.1174

Details

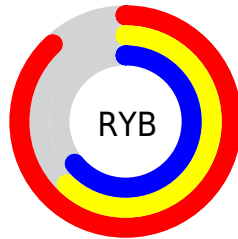
The Yxy color **42.6056, 0.3735, 0.3221** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **65.5366, 0.2730, 0.3362**, and the grayscale version is **44.3882, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.4089, 0.3407, 0.3230**, and **19.4663, 0.3920, 0.3198** is the 20% darker color. If you saturate the color by 10%, you get **35.0365, 0.4041, 0.3198**, and if you desaturate by 10%, it is **51.6860, 0.3486, 0.3245**.

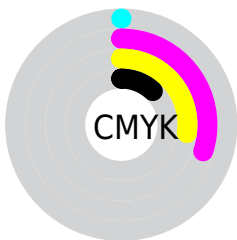
Distribution



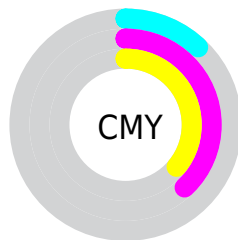
- Red (88%)
- Green (62%)
- Blue (64%)



- Red (88%)
- Yellow (62%)
- Blue (64%)



- Cyan (0%)
- Magenta (30%)
- Yellow (27%)
- Black (12%)




- Cyan (12%)
- Magenta (38%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.6056, 0.3735, 0.3221 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 42.6056, 0.3735, 0.3221 by changing the saturation by 10% instead.


 42.6056, 0.3735,
0.3221

 42.6056, 0.3735,
0.3221


356.9873, 0.3424,
0.3261

 29.5758, 0.3815,
0.3209


 79.1154, 0.3620,
0.3237

 19.5168, 0.3918,
0.3193


 103.3641, 0.3578,
0.3243

 12.0443, 0.4058,
0.3169


132.1212, 0.3542,
0.3247

 6.7739, 0.4256,
0.3132

165.7712, 0.3512,
0.3251

 3.3211, 0.4559,
0.3069

204.6984, 0.3485,
0.3254

 1.3016, 0.5074,
0.2945

249.2872, 0.3462,

 0.1424, 0.8430,

0.3257

0.1570

299.9221, 0.3442,
0.3259

0.0000, 0.0000,
0.0000

42.6056, 0.3735,
0.3221

42.6056, 0.3735,
0.3221

35.0365, 0.4041,
0.3198

51.6860, 0.3486,
0.3245

28.8911, 0.4409,
0.3178

62.3471, 0.3286,
0.3268

24.0819, 0.4833,
0.3166

74.6613, 0.3126,
0.3290

20.5094, 0.5289,
0.3165

88.6949, 0.2997,
0.3310

18.0603, 0.5729,
0.3182

94.5853, 0.2940,
0.3289

■ 16.6004, 0.6086,
0.3215

■ 15.9013, 0.6315,
0.3253

■ 15.8958, 0.6316,
0.3253

Harmonies

Analogous

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



42.6056, 0.3406, 0.2937



42.6056, 0.3735, 0.3221



42.6056, 0.3891, 0.3535

Triad

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



42.6056, 0.3735, 0.3221



42.6056, 0.3202, 0.3932



42.6056, 0.2464, 0.2740

Complementary

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



42.6056, 0.3735, 0.3221



65.5366, 0.2730, 0.3362

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.



42.6056, 0.2419, 0.2970



42.6056, 0.3735, 0.3221



42.6056, 0.2830, 0.3684

Square

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



42.6056, 0.3735, 0.3221



42.6056, 0.3569, 0.3971



42.6056, 0.2548, 0.3317



42.6056, 0.2675, 0.2664

Rectangle

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



42.6056, 0.3735, 0.3221



42.6056, 0.3872, 0.3729



42.6056, 0.2548, 0.3317



42.6056, 0.2430, 0.2800

Sweetspot

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



42.6076, 0.3735, 0.3221



84.9475, 0.3271, 0.3270



44.2957, 0.3103, 0.2535



17.6986, 0.3298, 0.3267



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.



42.6076, 0.3735, 0.3221



50.4807, 0.3922, 0.3206



52.4792, 0.3704, 0.3604



13.7203, 0.3278, 0.3269



9.2608, 0.6296, 0.3242



0.6488, 0.6032, 0.3096

Inverse Universe

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



42.6076, 0.3735, 0.3221



50.4807, 0.3922, 0.3206



52.5729, 0.2660, 0.2952



13.7203, 0.3278, 0.3269



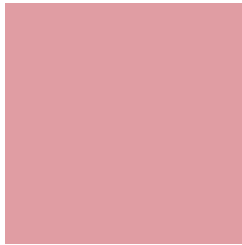
9.2608, 0.6296, 0.3242



0.6488, 0.6032, 0.3096

Previews

White Background



This preview shows how the Yxy color 42.6056, 0.3735, 0.3221 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 42.6056, 0.3735, 0.3221 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 42.6056, 0.3735, 0.3221

Background



This preview shows how black text looks on a background with the Yxy color 42.6056, 0.3735, 0.3221.



This preview shows how white text looks on a background with the Yxy color 42.6056, 0.3735, 0.3221.

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

42.6056, 0.3735, 0.3221

Protanopia

42.8344, 0.3188, 0.3317

Deuteranopia

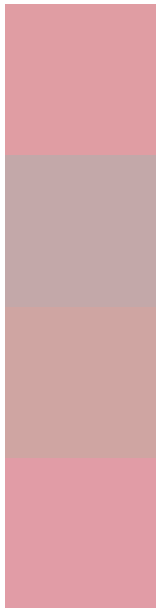
42.8195, 0.3460, 0.3394



Tritanopia

42.6116, 0.3697, 0.3150

Trichromacy



Original Color

42.6056, 0.3735, 0.3221

Protanomaly

42.4719, 0.3370, 0.3278

Deuteranomaly

42.7843, 0.3556, 0.3329

Tritanomaly

42.5377, 0.3718, 0.3174

Monochromacy



Original Color

42.6056, 0.3735, 0.3221

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.3687, 0.3331, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.6056, 0.3735, 0.3221 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(224, 157, 163)` looks like.

```
.text, #text, p{  
    color:rgb(224, 157, 163)  
}
```

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(224, 157, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 157, 163) }
```

Border

The CSS property to change the border of an element to Yxy 42.6056, 0.3735, 0.3221 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(224, 157, 163) }
```

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

```
.border{ border-color:rgb(224, 157, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 157, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 157, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 157, 163);  
box-shadow:4px 4px 4px 4px rgb(224, 157,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 42.6056, 0.3735, 0.3221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 157, 163) }
```

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

```
.background{ background-color: rgb(224,  
157, 163) }
```

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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