

Converting Colors

$Yxy(61.0360, 0.3294, 0.3299)$

Have a look what the booklet for
Yxy(61.0360, 0.3294, 0.3299)
contains.

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Color

Yxy(60.8508, 0.3293, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	DDC8C8
RGB	221, 200, 200
RGB Percent	87%, 78%, 78%
CMY	0.1335, 0.2156, 0.2158
CMYK	0.00, 0.09, 0.10, 0.13
HSL	0°, 24%, 83%
HSV	0°, 10%, 87%
XYZ	60.8878, 60.8508, 63.1621
YIQ	206.2790, 12.5160, 4.4520

Conversions

Conversions Part 2

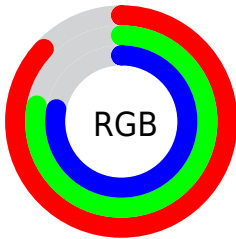
Format	Color
R _Y B	221, 200, 200
Decimal	14534856
CIE Lab	82.30, 7.32, 2.68
CIE LCh	82, 7.798, 20.104
Yxy	60.8508, 0.3293, 0.3291
Android (android.graphics.Color)	4292724936 (0xFFDDC8C8)
YUV	206.2790, -3.0955, 12.9103
Hunter-Lab	78.0069, 2.8149, 6.5978

Details

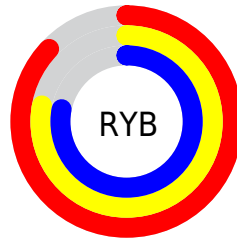
The Yxy color **60.8508, 0.3293, 0.3291** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.1641, 0.2981, 0.3289**, and the grayscale version is **61.9219, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.7401, 0.3339, 0.3291** is the 20% darker color. If you saturate the color by 10%, you get **50.4064, 0.3510, 0.3292**, and if you desaturate by 10%, it is **72.9224, 0.3119, 0.3290**.

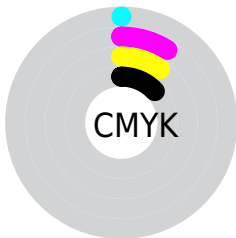
Distribution



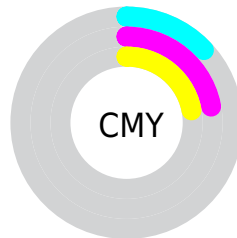
- Red (87%)
- Green (78%)
- Blue (78%)



- Red (87%)
- Yellow (78%)
- Blue (78%)



- Cyan (0%)
- Magenta (9%)
- Yellow (10%)
- Black (13%)





- Cyan (13%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.8508, 0.3293, 0.3291 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 60.8508, 0.3293, 0.3291 by changing the saturation by 10% instead.

 60.8508, 0.3293,
0.3291

 60.8508, 0.3293,
0.3291


427.7267, 0.3214,
0.3291

 44.1048, 0.3312,
0.3291

106.0629, 0.3265,
0.3291

 30.7529, 0.3336,
0.3291


135.2977, 0.3254,
0.3291

 20.4107, 0.3366,
0.3290


169.4643, 0.3245,
0.3291

 12.6940, 0.3408,
0.3289

208.9469, 0.3237,
0.3291

 7.2182, 0.3467,
0.3288

254.1301, 0.3230,
0.3291

 3.5989, 0.3556,
0.3285

305.3982, 0.3224,

 1.4518, 0.3710,

0.3291

363.1356, 0.3218,
0.3291

0.3277

0.2545, 0.5500,
0.3327

0.0000, 0.0000,
0.0000

60.8508, 0.3293,
0.3291

60.8508, 0.3293,
0.3291

50.4064, 0.3510,
0.3292

72.9224, 0.3119,
0.3290

41.5121, 0.3782,
0.3294

86.6780, 0.2981,
0.3289

34.0963, 0.4117,
0.3295

94.1068, 0.2923,
0.3289

28.0792, 0.4519,
0.3297

■ 23.3728, 0.4978,
0.3299

■ 19.8798, 0.5459,
0.3300

■ 17.4888, 0.5899,
0.3301

■ 16.0683, 0.6221,
0.3301

■ 15.4040, 0.6392,
0.3301

Harmonies

Analogous

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



60.8508, 0.3217, 0.3207



60.8508, 0.3293, 0.3291



60.8508, 0.3324, 0.3376

Triad

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



60.8508, 0.3293, 0.3291



60.8508, 0.3134, 0.3441



60.8508, 0.2956, 0.3140

Complementary

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



60.8508, 0.3293, 0.3291



69.1641, 0.2981, 0.3289

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.



60.8508, 0.2935, 0.3200



60.8508, 0.3293, 0.3291



60.8508, 0.3037, 0.3375

Square

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



60.8508, 0.3293, 0.3291



60.8508, 0.3231, 0.3465



60.8508, 0.2964, 0.3286



60.8508, 0.3022, 0.3120

Rectangle

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



60.8508, 0.3293, 0.3291



60.8508, 0.3314, 0.3422



60.8508, 0.2964, 0.3286



60.8508, 0.2943, 0.3155

Sweetspot

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



60.8535, 0.3293, 0.3291



94.7435, 0.3176, 0.3290



61.8813, 0.3138, 0.3058



19.9859, 0.3190, 0.3290



0.0000, 0.0000, 0.0000



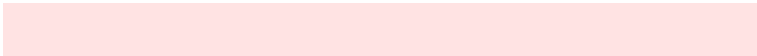
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.8535, 0.3293, 0.3291



81.7489, 0.3324, 0.3291



65.8609, 0.3280, 0.3408



13.0562, 0.3292, 0.3291



8.9384, 0.6399, 0.3301



0.5808, 0.6393, 0.3305

Inverse Universe

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



69.1641, 0.2981, 0.3289



95.0222, 0.2958, 0.3289



63.8195, 0.2981, 0.3169



14.8243, 0.2982, 0.3289



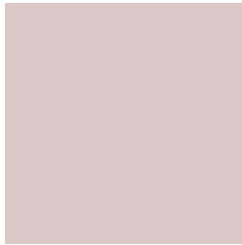
32.9225, 0.2245, 0.3281



2.1346, 0.2245, 0.3282

Previews

White Background



This preview shows how the Yxy color 60.8508, 0.3293, 0.3291 looks on a white background.

Color Contrast Check

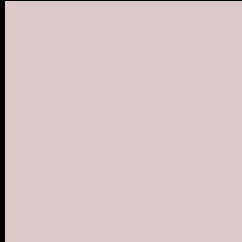
Large Text (above 18pt) WCAG AA × Fail

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 60.8508, 0.3293, 0.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

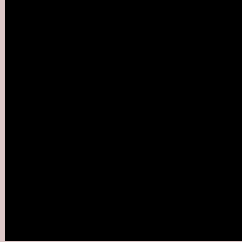
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

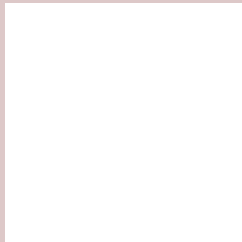
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.8508, 0.3293, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 60.8508, 0.3293, 0.3291.



This preview shows how white text looks on a background with the Yxy color 60.8508, 0.3293, 0.3291.

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

60.8508, 0.3293, 0.3291

Protanopia

61.0053, 0.3180, 0.3313

Deuteranopia

60.7270, 0.3336, 0.3268



Tritanopia

60.8802, 0.3213, 0.3123

Trichromacy



Original Color

60.8508, 0.3293, 0.3291

Protanomaly

61.0751, 0.3219, 0.3313

Deuteranomaly

60.8643, 0.3318, 0.3279

Tritanomaly

60.9305, 0.3242, 0.3190

Monochromacy



Original Color

60.8508, 0.3293, 0.3291

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.3942, 0.3181, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.8508, 0.3293, 0.3291 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, 200, 200)` looks like.

```
.text, #text, p{  
    color:rgb(221, 200, 200)  
}
```

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, 200, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 200, 200) }
```

Border

The CSS property to change the border of an element to Yxy 60.8508, 0.3293, 0.3291 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, 200, 200) }
```

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

```
.border{ border-color:rgb(221, 200, 200) }
```

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

Here you see how a box with a 4 pixel rgb(221, 200, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 200, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 200, 200);  
box-shadow:4px 4px 4px 4px rgb(221, 200,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 60.8508, 0.3293, 0.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 200, 200) }
```

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

```
.background{ background-color: rgb(221,  
200, 200) }
```

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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