

Converting Colors

$Y_{xy}(52.7295, 0.3191, 0.3151)$

Have a look what the booklet for
Yxy(52.7295, 0.3191, 0.3151)
contains.

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Color

Yxy(52.7860, 0.3192, 0.3147)

Conversions

Conversions Part 1

Format	Color
Hex	CEBBC7
RGB	206, 187, 199
RGB Percent	81%, 73%, 78%
CMY	0.1920, 0.2667, 0.2196
CMYK	0.00, 0.09, 0.03, 0.19
HSL	322°, 16%, 77%
HSV	322°, 9%, 81%
XYZ	53.5408, 52.7860, 61.4075
YIQ	194.0490, 7.4720, 7.7600

Conversions

Conversions Part 2

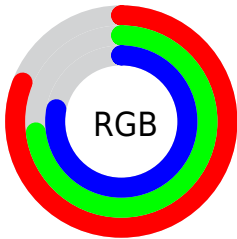
Format	Color
R _Y B	206, 187, 199
Decimal	13548487
CIE Lab	77.75, 8.85, -3.61
CIE LCh	78, 9.557, 337.835
Yxy	52.7860, 0.3192, 0.3147
Android (android.graphics.Color)	4291738567 (0xFFCEBBC7)
YUV	194.0490, 2.4408, 10.4810
Hunter-Lab	72.6540, 4.3973, 0.7455

Details

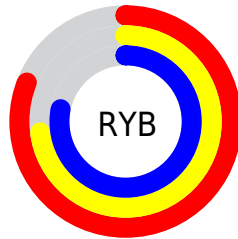
The Yxy color $52.7860, 0.3192, 0.3147$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $58.6187, 0.3067, 0.3437$, and the grayscale version is $53.9650, 0.3127, 0.3290$.

A 20% lighter version of the original color is $92.5812, 0.3133, 0.3175$, and $25.7699, 0.3214, 0.3115$ is the 20% darker color. If you saturate the color by 10%, you get $44.3208, 0.3275, 0.2985$, and if you desaturate by 10%, it is $62.5275, 0.3122, 0.3301$.

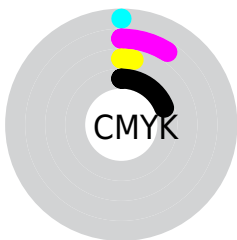
Distribution



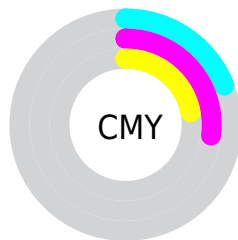
- Red (81%)
- Green (73%)
- Blue (78%)



- Red (81%)
- Yellow (73%)
- Blue (78%)



- Cyan (0%)
- Magenta (9%)
- Yellow (3%)
- Black (19%)





- Cyan (19%)
- Magenta (27%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.7860, 0.3192, 0.3147 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 52.7860, 0.3192, 0.3147 by changing the saturation by 10% instead.

 52.7860, 0.3192,
0.3147

 52.7860, 0.3192,
0.3147

397.4635, 0.3161,
0.3216

 37.6320, 0.3200,
0.3130

 94.2894, 0.3181,
0.3172

 25.6972, 0.3209,
0.3109


121.4075, 0.3177,
0.3181

 16.5972, 0.3221,
0.3082


153.2825, 0.3173,
0.3189

 9.9477, 0.3238,
0.3045

190.2987, 0.3170,
0.3196

 5.3643, 0.3262,
0.2991

232.8405, 0.3167,
0.3202

 2.4626, 0.3300,
0.2908

281.2923, 0.3165,

 0.8578, 0.3366,

0.3207

0.2761

336.0385, 0.3163,
0.3212

0.0000, 0.0000,
0.0000

52.7860, 0.3192,
0.3147

52.7860, 0.3192,
0.3147

44.3208, 0.3275,
0.2985

62.5275, 0.3122,
0.3301

37.0717, 0.3372,
0.2820

73.5888, 0.3064,
0.3446

30.9837, 0.3486,
0.2655

86.0194, 0.3016,
0.3581

25.9950, 0.3616,
0.2500

90.3261, 0.2974,
0.3561

22.0380, 0.3761,
0.2363

90.7608, 0.2933,
0.3479

■ 19.0375, 0.3918,
0.2257

■ 91.2143, 0.2892,
0.3398

■ 16.9081, 0.4083,
0.2192

■ 91.6868, 0.2853,
0.3318

■ 15.5490, 0.4249,
0.2176

■ 91.8668, 0.2838,
0.3289

■ 14.7899, 0.4412,
0.2208

Harmonies

Analogous

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



52.7860, 0.3062, 0.3085



52.7860, 0.3192, 0.3147



52.7860, 0.3306, 0.3245

Triad

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



52.7860, 0.3192, 0.3147



52.7860, 0.3303, 0.3509



52.7860, 0.2888, 0.3216

Complementary

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



52.7860, 0.3192, 0.3147



58.6187, 0.3067, 0.3437

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.



52.7860, 0.2950, 0.3333



52.7860, 0.3192, 0.3147



52.7860, 0.3189, 0.3505

Square

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



52.7860, 0.3192, 0.3147



52.7860, 0.3371, 0.3453



52.7860, 0.3059, 0.3440



52.7860, 0.2889, 0.3122

Rectangle

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



52.7860, 0.3192, 0.3147



52.7860, 0.3357, 0.3320



52.7860, 0.3059, 0.3440



52.7860, 0.2902, 0.3254

Sweetspot

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



52.7883, 0.3192, 0.3147



95.0355, 0.3147, 0.3244



51.4612, 0.3040, 0.3058



20.0646, 0.3153, 0.3231



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.



52.7883, 0.3192, 0.3147



82.7426, 0.3207, 0.3117



52.3614, 0.3267, 0.3260



11.3308, 0.3193, 0.3145



9.0926, 0.4401, 0.2198



0.4834, 0.4109, 0.2037

Inverse Universe

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



52.7883, 0.3192, 0.3147



82.7426, 0.3207, 0.3117



59.0585, 0.3003, 0.3320



11.3308, 0.3193, 0.3145



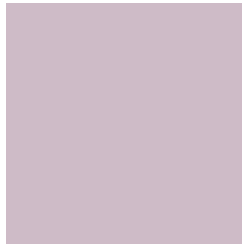
9.0926, 0.4401, 0.2198



0.4834, 0.4109, 0.2037

Previews

White Background



This preview shows how the Yxy color 52.7860, 0.3192, 0.3147 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 52.7860, 0.3192, 0.3147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

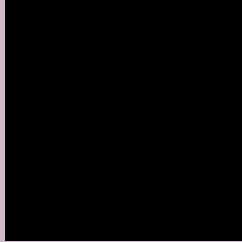
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.7860, 0.3192, 0.3147

Background



This preview shows how black text looks on a background with the Yxy color 52.7860, 0.3192, 0.3147.



This preview shows how white text looks on a background with the Yxy color 52.7860, 0.3192, 0.3147.

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

52.7860, 0.3192, 0.3147

Protanopia

52.8161, 0.3069, 0.3168

Deuteranopia

52.6512, 0.3209, 0.3136



Tritanopia

52.8795, 0.3176, 0.3124

Trichromacy



Original Color

52.7860, 0.3192, 0.3147

Protanomaly

53.0028, 0.3117, 0.3169

Deuteranomaly

52.5067, 0.3201, 0.3136

Tritanomaly

52.8326, 0.3184, 0.3136

Monochromacy



Original Color

52.7860, 0.3192, 0.3147

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.2529, 0.3146, 0.3229

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7860, 0.3192, 0.3147 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(206, 187, 199)` looks like.

```
.text, #text, p{  
    color:rgb(206, 187, 199)  
}
```

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(206, 187, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 187, 199) }
```

Border

The CSS property to change the border of an element to Yxy 52.7860, 0.3192, 0.3147 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(206, 187, 199) }
```

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

```
.border{ border-color:rgb(206, 187, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 187, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 187, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 187, 199);  
box-shadow:4px 4px 4px 4px rgb(206, 187,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7860, 0.3192, 0.3147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 187, 199) }
```

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

```
.background{ background-color: rgb(206,  
187, 199) }
```

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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