

Converting Colors

Yxy(54.3983, 0.3198, 0.3244)

Have a look what the booklet for
Yxy(54.3983, 0.3198, 0.3244)
contains.

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Color

Yxy(54.5222, 0.3194, 0.3242)

Conversions

Conversions Part 1

Format	Color
Hex	CCC0C4
RGB	204, 192, 196
RGB Percent	80%, 75%, 77%
CMY	0.2001, 0.2470, 0.2312
CMYK	0.00, 0.06, 0.04, 0.20
HSL	340°, 11%, 78%
HSV	340°, 6%, 80%
XYZ	53.7150, 54.5222, 59.9374
YIQ	196.0440, 5.8680, 3.7880

Conversions

Conversions Part 2

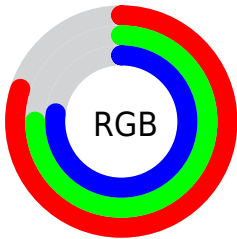
Format	Color
R_{YB}	204, 192, 196
Decimal	13418692
CIE _{Lab}	78.77, 4.91, -0.52
CIE _{LCh}	79, 4.943, 353.925
Yxy	54.5222, 0.3194, 0.3242
Android (android.graphics.Color)	4291608772 (0xFFCCC0C4)
YUV	196.0440, -0.0217, 6.9774
Hunter-Lab	73.8391, 0.6329, 3.5600

Details

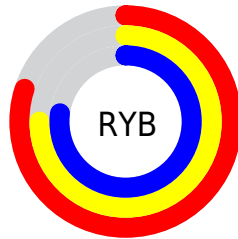
The Yxy color `54.5222, 0.3194, 0.3242` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `58.5538, 0.3065, 0.3339`, and the grayscale version is `55.2284, 0.3127, 0.3290`.

A 20% lighter version of the original color is `95.4867, 0.3142, 0.3242`, and `26.9023, 0.3217, 0.3242` is the 20% darker color. If you saturate the color by 10%, you get `45.5894, 0.3328, 0.3156`, and if you desaturate by 10%, it is `64.7569, 0.3085, 0.3323`.

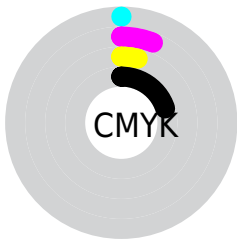
Distribution



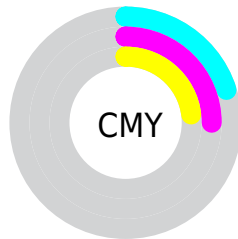
- Red (80%)
- Green (75%)
- Blue (77%)



- Red (80%)
- Yellow (75%)
- Blue (77%)



- Cyan (0%)
- Magenta (6%)
- Yellow (4%)
- Black (20%)





- Cyan (20%)
- Magenta (25%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.5222, 0.3194, 0.3242 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 54.5222, 0.3194, 0.3242 by changing the saturation by 10% instead.

 54.5222, 0.3194,
0.3242

 54.5222, 0.3194,
0.3242


404.0982, 0.3162,
0.3265

 39.0193, 0.3202,
0.3236


 96.8406, 0.3182,
0.3250

 26.7747, 0.3212,
0.3229


124.4248, 0.3178,
0.3254

 17.4041, 0.3225,
0.3220


156.8050, 0.3174,
0.3256

 10.5230, 0.3243,
0.3207

194.3654, 0.3171,
0.3259

 5.7471, 0.3268,
0.3189

237.4906, 0.3168,
0.3261

 2.6919, 0.3309,
0.3160

286.5648, 0.3166,

 0.9731, 0.3381,

0.3262

0.3108

341.9726, 0.3163,
0.3264

0.0000, 0.0000,
0.0000

54.5222, 0.3194,
0.3242

54.5222, 0.3194,
0.3242

45.5894, 0.3328,
0.3156

64.7569, 0.3085,
0.3323

37.8991, 0.3491,
0.3066

76.3357, 0.2995,
0.3397

31.3979, 0.3690,
0.2975

89.3074, 0.2922,
0.3465

26.0258, 0.3927,
0.2888

91.2691, 0.2852,
0.3339

21.7176, 0.4206,
0.2813

91.5752, 0.2827,
0.3289

■ 18.4010, 0.4522,
0.2760

■ 15.9949, 0.4863,
0.2742

■ 14.4052, 0.5207,
0.2769

■ 13.5150, 0.5524,
0.2846

Harmonies

Analogous

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



54.5222, 0.3130, 0.3198



54.5222, 0.3194, 0.3242



54.5222, 0.3240, 0.3299

Triad

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



54.5222, 0.3194, 0.3242



54.5222, 0.3188, 0.3404



54.5222, 0.3000, 0.3225

Complementary

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



54.5222, 0.3194, 0.3242



58.5538, 0.3065, 0.3339

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.



54.5222, 0.3015, 0.3280



54.5222, 0.3194, 0.3242



54.5222, 0.3124, 0.3385

Square

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



54.5222, 0.3194, 0.3242



54.5222, 0.3237, 0.3393



54.5222, 0.3060, 0.3339



54.5222, 0.3018, 0.3188

Rectangle

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



54.5222, 0.3194, 0.3242



54.5222, 0.3255, 0.3336



54.5222, 0.3060, 0.3339



54.5222, 0.3001, 0.3242

Sweetspot

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



54.5246, 0.3194, 0.3242



96.5730, 0.3149, 0.3274



54.3119, 0.3100, 0.3147



20.7065, 0.3148, 0.3275



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.



54.5246, 0.3194, 0.3242



88.3956, 0.3209, 0.3232



55.1374, 0.3223, 0.3312



11.6571, 0.3214, 0.3228



8.3630, 0.5609, 0.2864



0.4455, 0.5055, 0.2558

Inverse Universe

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



54.5246, 0.3194, 0.3242



88.3956, 0.3209, 0.3232



57.8955, 0.3037, 0.3268



11.6571, 0.3214, 0.3228



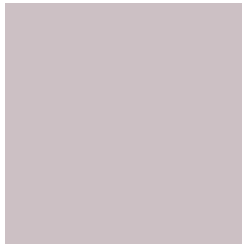
8.3630, 0.5609, 0.2864



0.4455, 0.5055, 0.2558

Previews

White Background



This preview shows how the Yxy color 54.5222, 0.3194, 0.3242 looks on a white background.

Color Contrast Check

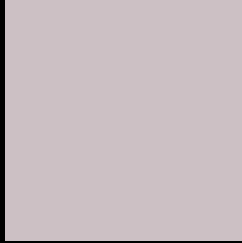
Large Text (above 18pt) WCAG AA × Fail

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 54.5222, 0.3194, 0.3242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

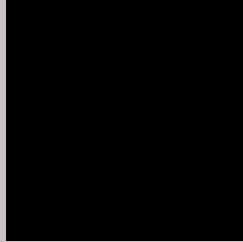
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

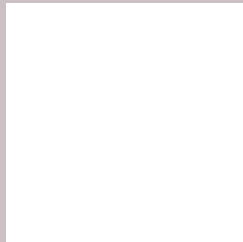
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.5222, 0.3194, 0.3242

Background



This preview shows how black text looks on a background with the Yxy color 54.5222, 0.3194, 0.3242.

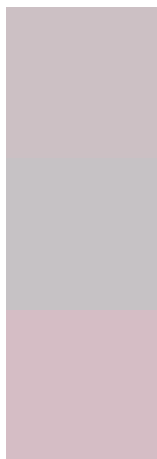


This preview shows how white text looks on a background with the Yxy color 54.5222, 0.3194, 0.3242.

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

54.5222, 0.3194, 0.3242

Protanopia

54.6206, 0.3137, 0.3254

Deuteranopia

54.5725, 0.3264, 0.3197



Tritanopia

54.6970, 0.3127, 0.3113

Trichromacy



Original Color

54.5222, 0.3194, 0.3242

Protanomaly

54.4505, 0.3154, 0.3242

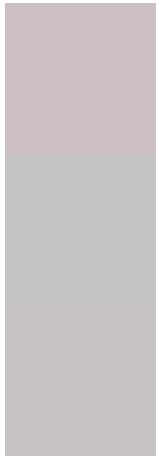
Deuteranomaly

54.5598, 0.3238, 0.3208

Tritanomaly

54.5050, 0.3158, 0.3160

Monochromacy



Original Color

54.5222, 0.3194, 0.3242

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.1578, 0.3152, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.5222, 0.3194, 0.3242 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(204, 192, 196)` looks like.

```
.text, #text, p{  
    color:rgb(204, 192, 196)  
}
```

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(204, 192, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 192, 196) }
```

Border

The CSS property to change the border of an element to Yxy 54.5222, 0.3194, 0.3242 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(204, 192, 196) }
```

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

```
.border{ border-color:rgb(204, 192, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 192, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 192, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 192, 196);  
box-shadow:4px 4px 4px 4px rgb(204, 192,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 54.5222, 0.3194, 0.3242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 192, 196) }
```

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

```
.background{ background-color: rgb(204,  
192, 196) }
```

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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