

Converting Colors

$Yxy(64.6956, 0.3224, 0.3487)$

Have a look what the booklet for
Yxy(64.6956, 0.3224, 0.3487)
contains.

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Color

Yxy(64.5824, 0.3223, 0.3487)

Conversions

Conversions Part 1

Format	Color
Hex	D1D4C3
RGB	209, 212, 195
RGB Percent	82%, 83%, 76%
CMY	0.1803, 0.1686, 0.2354
CMYK	0.01, 0.00, 0.08, 0.17
HSL	70°, 17%, 80%
HSV	70°, 8%, 83%
XYZ	59.6929, 64.5824, 60.9338
YIQ	209.1650, 3.6690, -5.9230

Conversions

Conversions Part 2

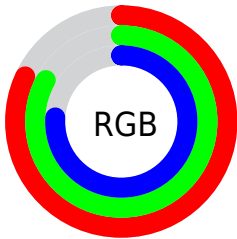
Format	Color
R_{YB}	195, 212, 198
Decimal	13751491
CIE Lab	84.27, -4.01, 8.06
CIE LCh	84, 9.001, 116.420
Yxy	64.5824, 0.3223, 0.3487
Android (android.graphics.Color)	4291941571 (0xFFD1D4C3)
YUV	209.1650, -6.9833, -0.1447
Hunter-Lab	80.3632, -8.0477, 11.2988

Details

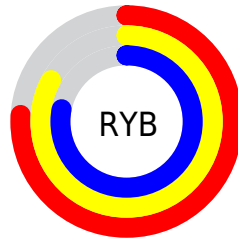
The Yxy color **64.5824, 0.3223, 0.3487** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.7701, 0.3027, 0.3088**, and the grayscale version is **63.9219, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **33.0056, 0.3254, 0.3535** is the 20% darker color. If you saturate the color by 10%, you get **63.1611, 0.3344, 0.3743**, and if you desaturate by 10%, it is **66.1579, 0.3104, 0.3243**.

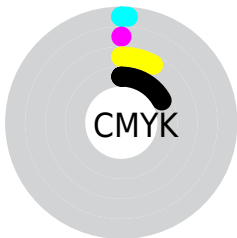
Distribution



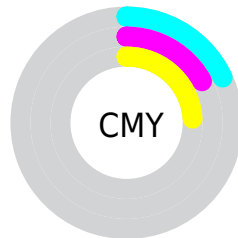
- Red (82%)
- Green (83%)
- Blue (76%)



- Red (76%)
- Yellow (83%)
- Blue (78%)



- Cyan (1%)
- Magenta (0%)
- Yellow (8%)
- Black (17%)



- Cyan (18%)
- Magenta (17%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.5824, 0.3223, 0.3487 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 64.5824, 0.3223, 0.3487 by changing the saturation by 10% instead.

■ 64.5824, 0.3223,
0.3487

■ 64.5824, 0.3223,
0.3487

441.2898, 0.3178,
0.3393

■ 47.1225, 0.3233,
0.3509

111.4493, 0.3207,
0.3454

■ 33.1325, 0.3246,
0.3537

141.6251, 0.3201,
0.3441

■ 22.2280, 0.3263,
0.3573

176.8083, 0.3196,
0.3430

■ 14.0245, 0.3285,
0.3621

217.3834, 0.3191,
0.3421

■ 8.1377, 0.3315,
0.3689

263.7346, 0.3187,
0.3413

■ 4.1832, 0.3359,
0.3791

316.2465, 0.3184,

■ 1.7766, 0.3430,

0.3405

375.3035, 0.3181,
0.3399

0.3962

0.4725, 0.4265,
0.5735

0.0000, 0.0000,
0.0000

64.5824, 0.3223,
0.3487

64.5824, 0.3223,
0.3487

63.1611, 0.3344,
0.3743

66.1579, 0.3104,
0.3243

61.8799, 0.3465,
0.4006


67.8847, 0.2990,
0.3015


60.7353, 0.3579,
0.4267

69.5383, 0.2904,
0.2839


59.7206, 0.3684,
0.4519


70.1210, 0.2929,
0.2842

 58.8286, 0.3771,
0.4748


 70.7165, 0.2954,
0.2845


 58.0512, 0.3838,
0.4946


 71.3249, 0.2980,
0.2849

 57.3791, 0.3880,
0.5104

 71.9462, 0.3005,
0.2852

 56.8018, 0.3896,
0.5216

 72.5806, 0.3031,
0.2855

 56.3036, 0.3889,
0.5285

 73.2281, 0.3057,
0.2859

Harmonies

Analogous

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



64.5824, 0.3311, 0.3470



64.5824, 0.3223, 0.3487



64.5824, 0.3111, 0.3449

Triad

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



64.5824, 0.3223, 0.3487



64.5824, 0.2910, 0.3170



64.5824, 0.3250, 0.3215

Complementary

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



64.5824, 0.3223, 0.3487



55.7701, 0.3027, 0.3088

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.



64.5824, 0.3141, 0.3138



64.5824, 0.3223, 0.3487



64.5824, 0.2945, 0.3111

Square

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



64.5824, 0.3223, 0.3487



64.5824, 0.2931, 0.3263



64.5824, 0.3029, 0.3100



64.5824, 0.3327, 0.3312

Rectangle

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



64.5824, 0.3223, 0.3487



64.5824, 0.3037, 0.3398



64.5824, 0.3029, 0.3100



64.5824, 0.3216, 0.3186

Sweetspot

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



64.5852, 0.3223, 0.3487



99.5078, 0.3151, 0.3339



58.2383, 0.3261, 0.3323



21.3039, 0.3150, 0.3336



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.



64.5852, 0.3223, 0.3487



97.6328, 0.3248, 0.3539



63.3939, 0.3160, 0.3491



14.4055, 0.3240, 0.3522



34.7410, 0.3891, 0.5293



2.1248, 0.3946, 0.5249

Inverse Universe

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



55.7701, 0.3027, 0.3088



81.0180, 0.2999, 0.3033



56.9408, 0.3092, 0.3092



12.1116, 0.3008, 0.3051



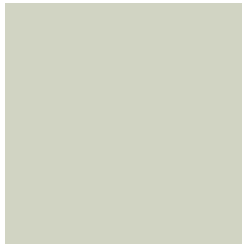
3.2068, 0.1581, 0.0645



0.2257, 0.1734, 0.0729

Previews

White Background



This preview shows how the Yxy color 64.5824, 0.3223, 0.3487 looks on a white background.

Color Contrast Check

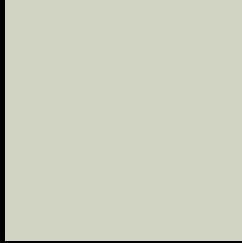
Large Text (above 18pt) WCAG AA × Fail

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 64.5824, 0.3223, 0.3487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

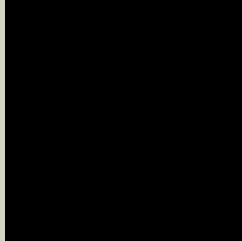
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

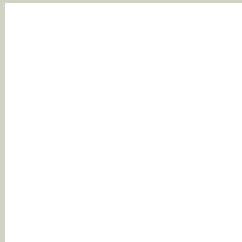
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.5824, 0.3223, 0.3487

Background



This preview shows how black text looks on a background with the Yxy color 64.5824, 0.3223, 0.3487.



This preview shows how white text looks on a background with the Yxy color 64.5824, 0.3223, 0.3487.

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

64.5824, 0.3223, 0.3487

Protanopia

64.4014, 0.3302, 0.3461

Deuteranopia

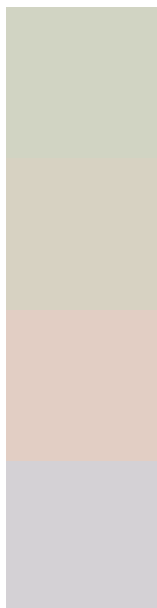
64.4053, 0.3424, 0.3356



Tritanopia

64.6397, 0.3054, 0.3112

Trichromacy



Original Color

64.5824, 0.3223, 0.3487

Protanomaly

64.4353, 0.3278, 0.3473

Deuteranomaly

64.2969, 0.3355, 0.3402

Tritanomaly

64.4021, 0.3122, 0.3245

Monochromacy



Original Color

64.5824, 0.3223, 0.3487

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.0081, 0.3161, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.5824, 0.3223, 0.3487 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(209, 212, 195) looks like.

```
.text, #text, p{  
    color:rgb(209, 212, 195)  
}
```

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(209, 212, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 212, 195) }
```

Border

The CSS property to change the border of an element to Yxy 64.5824, 0.3223, 0.3487 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(209, 212, 195) }
```

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

```
.border{ border-color:rgb(209, 212, 195) }
```

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

Here you see how a box with a 4 pixel rgb(209, 212, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 212, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 212, 195);  
box-shadow:4px 4px 4px 4px rgb(209, 212,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 64.5824, 0.3223, 0.3487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 212, 195) }
```

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

```
.background{ background-color: rgb(209,  
212, 195) }
```

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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