

Converting Colors

Yxy(65.1189, 0.3139, 0.3456)

Have a look what the booklet for
Yxy(65.1189, 0.3139, 0.3456)
contains.

Yxy(64.9598, 0.3142, 0.3453)	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(64.9598, 0.3142, 0.3453)

Conversions

Conversions Part 1

Format	Color
Hex	CBD6C8
RGB	203, 214, 200
RGB Percent	80%, 84%, 78%
CMY	0.2037, 0.1608, 0.2157
CMYK	0.05, 0.00, 0.07, 0.16
HSL	107°, 15%, 81%
HSV	107°, 7%, 84%
XYZ	59.1091, 64.9598, 64.0568
YIQ	209.1150, -2.0620, -6.6860

Conversions

Conversions Part 2

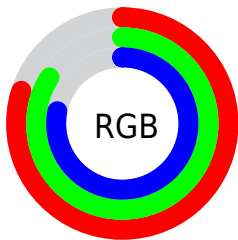
Format	Color
R_{YB}	200, 214, 211
Decimal	13358792
CIE Lab	84.46, -6.25, 5.63
CIE LCh	84, 8.408, 137.976
Yxy	64.9598, 0.3142, 0.3453
Android (android.graphics.Color)	4291548872 (0xFFC ^B D6C8)
YUV	209.1150, -4.4937, -5.3629
Hunter-Lab	80.5976, -10.1367, 9.2963

Details

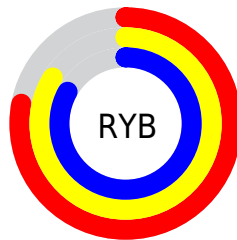
The Yxy color **64.9598, 0.3142, 0.3453** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.9946, 0.3111, 0.3130**, and the grayscale version is **63.8760, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.2612, 0.3147, 0.3491** is the 20% darker color. If you saturate the color by 10%, you get **61.8086, 0.3163, 0.3726**, and if you desaturate by 10%, it is **68.5097, 0.3119, 0.3209**.

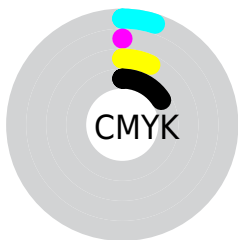
Distribution



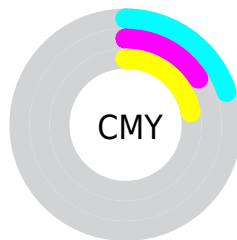
- Red (80%)
- Green (84%)
- Blue (78%)



- Red (78%)
- Yellow (84%)
- Blue (83%)



- Cyan (5%)
- Magenta (0%)
- Yellow (7%)
- Black (16%)



- Cyan (20%)
- Magenta (16%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.9598, 0.3142, 0.3453 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 64.9598, 0.3142, 0.3453 by changing the saturation by 10% instead.

■ 64.9598, 0.3142,
0.3453

■ 64.9598, 0.3142,
0.3453

442.6475, 0.3135,
0.3375

■ 47.4285, 0.3143,
0.3471

111.9921, 0.3140,
0.3426

■ 33.3745, 0.3145,
0.3494

142.2618, 0.3139,
0.3415

■ 22.4135, 0.3147,
0.3524

177.5465, 0.3138,
0.3406

■ 14.1611, 0.3150,
0.3564

218.2304, 0.3137,
0.3398

■ 8.2328, 0.3153,
0.3621

264.6981, 0.3137,
0.3391

■ 4.2442, 0.3158,
0.3707

317.3340, 0.3136,

■ 1.8111, 0.3163,

0.3385

0.3852

376.5223, 0.3136,
0.3380

0.4941, 0.3318,
0.5170

0.0000, 0.0000,
0.0000

64.9598, 0.3142,
0.3453

64.9598, 0.3142,
0.3453

61.8086, 0.3163,
0.3726

68.5097, 0.3119,
0.3209

59.0339, 0.3182,
0.4027

72.4630, 0.3096,
0.2994

56.6240, 0.3195,
0.4350

76.2293, 0.3133,
0.2889

54.5633, 0.3202,
0.4685

76.5694, 0.3146,
0.2891

■ 52.8351, 0.3200,
0.5017

■ 51.4212, 0.3187,
0.5326

■ 50.3018, 0.3162,
0.5588

■ 49.4543, 0.3128,
0.5785

■ 48.8520, 0.3088,
0.5908

Harmonies

Analogous

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



64.9598, 0.3243, 0.3474



64.9598, 0.3142, 0.3453



64.9598, 0.3038, 0.3386

Triad

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



64.9598, 0.3142, 0.3453



64.9598, 0.2943, 0.3134



64.9598, 0.3298, 0.3284

Complementary

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



64.9598, 0.3142, 0.3453



59.9946, 0.3111, 0.3130

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.



64.9598, 0.3215, 0.3197



64.9598, 0.3142, 0.3453



64.9598, 0.3010, 0.3111

Square

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



64.9598, 0.3142, 0.3453



64.9598, 0.2925, 0.3200



64.9598, 0.3110, 0.3134



64.9598, 0.3334, 0.3375

Rectangle

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



64.9598, 0.3142, 0.3453



64.9598, 0.2981, 0.3325



64.9598, 0.3110, 0.3134



64.9598, 0.3274, 0.3254

Sweetspot

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



64.9626, 0.3142, 0.3453



98.9281, 0.3132, 0.3339



64.9162, 0.3227, 0.3413



21.1859, 0.3132, 0.3337



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.



64.9626, 0.3142, 0.3453



95.8571, 0.3145, 0.3493



64.7130, 0.3094, 0.3410



14.0257, 0.3148, 0.3529



29.4698, 0.3083, 0.5934



1.8145, 0.3203, 0.5839

Inverse Universe

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



59.9946, 0.3111, 0.3130



86.8309, 0.3107, 0.3092



60.2628, 0.3162, 0.3173



12.4892, 0.3103, 0.3058



7.9583, 0.2664, 0.1241



0.5147, 0.2763, 0.1296

Previews

White Background



This preview shows how the Yxy color 64.9598, 0.3142, 0.3453 looks on a white background.

Color Contrast Check

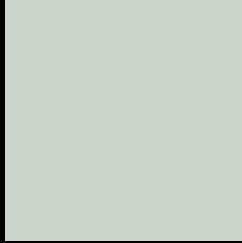
Large Text (above 18pt) WCAG AA × Fail

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 64.9598, 0.3142, 0.3453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

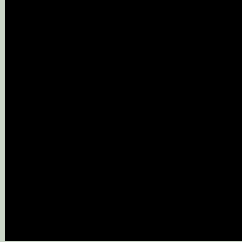
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

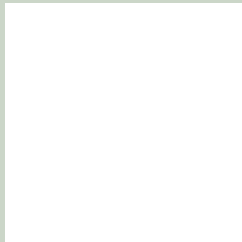
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.9598, 0.3142, 0.3453

Background



This preview shows how black text looks on a background with the Yxy color 64.9598, 0.3142, 0.3453.

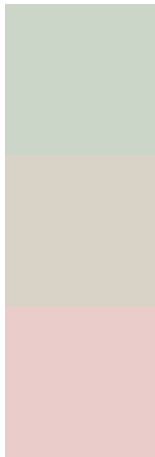


This preview shows how white text looks on a background with the Yxy color 64.9598, 0.3142, 0.3453.

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

64.9598, 0.3142, 0.3453

Protanopia

64.9221, 0.3265, 0.3426

Deuteranopia

64.9424, 0.3376, 0.3313



Tritanopia

64.9046, 0.2991, 0.3099

Trichromacy



Original Color

64.9598, 0.3142, 0.3453

Protanomaly

64.7091, 0.3218, 0.3428

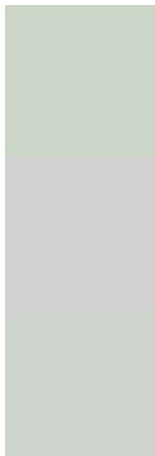
Deuteranomaly

65.0168, 0.3292, 0.3369

Tritanomaly

64.7201, 0.3050, 0.3221

Monochromacy



Original Color

64.9598, 0.3142, 0.3453

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.3102, 0.3132, 0.3348

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.9598, 0.3142, 0.3453 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(203, 214, 200)` looks like.

```
.text, #text, p{  
    color:rgb(203, 214, 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(203, 214, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 214, 200) }
```

Border

The CSS property to change the border of an element to Yxy 64.9598, 0.3142, 0.3453 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(203, 214, 200) }
```

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

```
.border{ border-color:rgb(203, 214, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 214, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 214, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 214, 200);  
box-shadow:4px 4px 4px 4px rgb(203, 214,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 64.9598, 0.3142, 0.3453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 214, 200) }
```

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

```
.background{ background-color: rgb(203,  
214, 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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