

Converting Colors

Yxy(64.3749, 0.3092, 0.3504)

Have a look what the booklet for
Yxy(64.3749, 0.3092, 0.3504)
contains.

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Color

Yxy(64.1014, 0.3095, 0.3504)

Conversions

Conversions Part 1

Format	Color
Hex	C2D7C5
RGB	194, 215, 197
RGB Percent	76%, 84%, 77%
CMY	0.2394, 0.1568, 0.2274
CMYK	0.10, 0.00, 0.08, 0.16
HSL	129°, 21%, 80%
HSV	129°, 10%, 84%
XYZ	56.6192, 64.1014, 62.2171
YIQ	206.6690, -6.7380, -10.0500

Conversions

Conversions Part 2

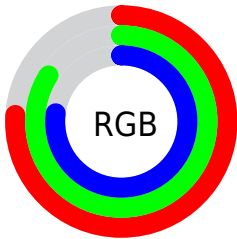
Format	Color
RYB	194, 212, 215
Decimal	12769221
CIELab	84.02, -10.41, 6.48
CIELCh	84, 12.262, 148.087
Yxy	64.1014, 0.3095, 0.3504
Android (android.graphics.Color)	4290959301 (0xFFC2D7C5)
YUV	206.6690, -4.7668, -11.1107
Hunter-Lab	80.0633, -13.8791, 9.9702

Details

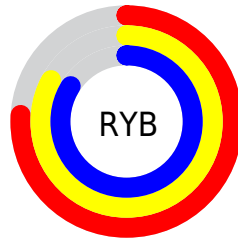
The Yxy color **64.1014, 0.3095, 0.3504** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.7661, 0.3161, 0.3085**, and the grayscale version is **62.2049, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1850, 0.3108, 0.3300**, and **32.7002, 0.3086, 0.3560** is the 20% darker color. If you saturate the color by 10%, you get **60.6706, 0.3062, 0.3751**, and if you desaturate by 10%, it is **68.0521, 0.3128, 0.3286**.

Distribution



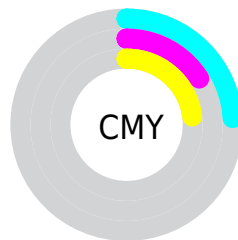
- Red (76%)
- Green (84%)
- Blue (77%)



- Red (76%)
- Yellow (83%)
- Blue (84%)



- Cyan (10%)
- Magenta (0%)
- Yellow (8%)
- Black (16%)



- Cyan (24%)
- Magenta (16%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.1014, 0.3095, 0.3504 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 64.1014, 0.3095, 0.3504 by changing the saturation by 10% instead.

■ 64.1014, 0.3095,
0.3504

■ 64.1014, 0.3095,
0.3504

439.5557, 0.3111,
0.3401

■ 46.7328, 0.3091,
0.3529

■ 110.7570, 0.3101,
0.3467

■ 32.8245, 0.3086,
0.3559

140.8127, 0.3103,
0.3454

■ 21.9920, 0.3079,
0.3599

175.8663, 0.3105,
0.3442

■ 13.8510, 0.3070,
0.3654

216.3021, 0.3106,
0.3431

■ 8.0171, 0.3057,
0.3730

262.5046, 0.3108,
0.3422

■ 4.1059, 0.3035,
0.3848

314.8581, 0.3109,

■ 1.7330, 0.2995,

0.3414

373.7470, 0.3110,
0.3407

0.4052

0.4449, 0.2617,
0.6899

0.0000, 0.0000,
0.0000

64.1014, 0.3095,
0.3504

64.1014, 0.3095,
0.3504

60.6706, 0.3062,
0.3751

68.0521, 0.3128,
0.3286

57.7301, 0.3029,
0.4026

72.5344, 0.3159,
0.3095

55.2600, 0.2998,
0.4326

76.9074, 0.3164,
0.2927

53.2356, 0.2972,
0.4641

77.0886, 0.3145,
0.2901

■ 51.6301, 0.2953,
0.4960

■ 50.4139, 0.2942,
0.5262

■ 49.5531, 0.2943,
0.5529

■ 49.0082, 0.2953,
0.5742

■ 48.7133, 0.2970,
0.5889

Harmonies

Analogous

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



64.1014, 0.3249, 0.3560



64.1014, 0.3095, 0.3504



64.1014, 0.2952, 0.3387

Triad

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



64.1014, 0.3095, 0.3504



64.1014, 0.2885, 0.3044



64.1014, 0.3405, 0.3326

Complementary

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



64.1014, 0.3095, 0.3504



57.7661, 0.3161, 0.3085

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.



64.1014, 0.3303, 0.3194



64.1014, 0.3095, 0.3504



64.1014, 0.3001, 0.3034

Square

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



64.1014, 0.3095, 0.3504



64.1014, 0.2833, 0.3119



64.1014, 0.3154, 0.3089



64.1014, 0.3431, 0.3451

Rectangle

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



64.1014, 0.3095, 0.3504



64.1014, 0.2882, 0.3292



64.1014, 0.3154, 0.3089



64.1014, 0.3378, 0.3281

Sweetspot

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



64.1041, 0.3095, 0.3504



98.1637, 0.3117, 0.3353



66.5297, 0.3251, 0.3531



20.9086, 0.3115, 0.3371



0.0000, 0.0000, 0.0000



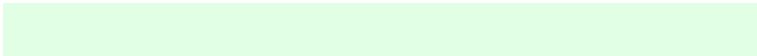
21.4041, 0.3127, 0.3290

Same Dimension

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



64.1041, 0.3095, 0.3504



93.0792, 0.3087, 0.3559



64.5919, 0.3027, 0.3381



13.9250, 0.3096, 0.3495



29.1383, 0.2965, 0.5875



1.7671, 0.2891, 0.5607

Inverse Universe

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



57.7661, 0.3161, 0.3085



81.7242, 0.3170, 0.3035



57.2636, 0.3239, 0.3201



12.6003, 0.3160, 0.3093



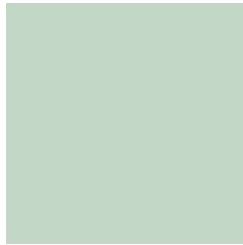
10.7192, 0.3610, 0.1762



0.6552, 0.3530, 0.1719

Previews

White Background



This preview shows how the Yxy color 64.1014, 0.3095, 0.3504 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 64.1014, 0.3095, 0.3504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

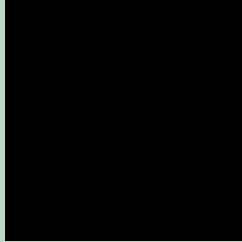
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

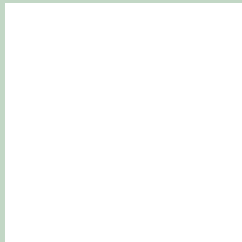
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.1014, 0.3095, 0.3504

Background



This preview shows how black text looks on a background with the Yxy color 64.1014, 0.3095, 0.3504.



This preview shows how white text looks on a background with the Yxy color 64.1014, 0.3095, 0.3504.

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

64.1014, 0.3095, 0.3504

Protanopia

63.7137, 0.3303, 0.3462

Deuteranopia

63.7348, 0.3386, 0.3313



Tritanopia

64.2767, 0.2935, 0.3107

Trichromacy



Original Color

64.1014, 0.3095, 0.3504

Protanomaly

64.0389, 0.3231, 0.3487

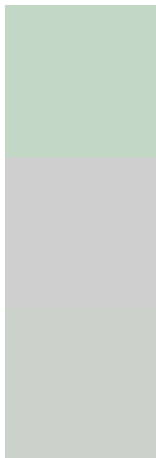
Deuteranomaly

63.8092, 0.3276, 0.3381

Tritanomaly

63.9152, 0.2992, 0.3243

Monochromacy



Original Color

64.1014, 0.3095, 0.3504

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.9615, 0.3116, 0.3372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.1014, 0.3095, 0.3504 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(194, 215, 197)` looks like.

```
.text, #text, p{  
    color:rgb(194, 215, 197)  
}
```

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(194, 215, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 215, 197) }
```

Border

The CSS property to change the border of an element to Yxy 64.1014, 0.3095, 0.3504 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(194, 215, 197) }
```

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

```
.border{ border-color:rgb(194, 215, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 215, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 215, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 215, 197);  
box-shadow:4px 4px 4px 4px rgb(194, 215,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 64.1014, 0.3095, 0.3504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 215, 197) }
```

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

```
.background{ background-color: rgb(194,  
215, 197) }
```

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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