

Converting Colors

$Yxy(65.7028, 0.3365, 0.4004)$

Have a look what the booklet for
Yxy(65.7028, 0.3365, 0.4004)
contains.

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Color

Yxy(65.7302, 0.3368, 0.4008)

Conversions

Conversions Part 1

Format	Color
Hex	C6DCA0
RGB	198, 220, 160
RGB Percent	78%, 86%, 63%
CMY	0.2234, 0.1373, 0.3725
CMYK	0.10, 0.00, 0.27, 0.14
HSL	82°, 46%, 75%
HSV	82°, 27%, 86%
XYZ	55.2344, 65.7302, 43.0329
YIQ	206.5820, 6.1480, -23.3240

Conversions

Conversions Part 2

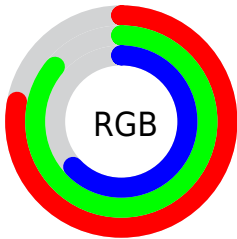
Format	Color
RYB	160, 220, 182
Decimal	13032608
CIELab	84.86, -17.49, 27.12
CIELCh	85, 32.271, 122.813
Yxy	65.7302, 0.3368, 0.4008
Android (android.graphics.Color)	4291222688 (0xFFC6DCA0)
YUV	206.5820, -22.9649, -7.5264
Hunter-Lab	81.0742, -20.2710, 25.2817

Details

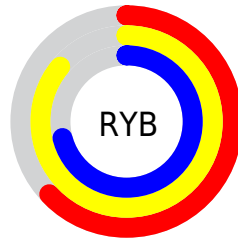
The Yxy color $65.7302, 0.3368, 0.4008$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $40.2487, 0.2831, 0.2545$, and the grayscale version is $62.2666, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.6863, 0.3364, 0.3681$, and $33.9223, 0.3421, 0.4195$ is the 20% darker color. If you saturate the color by 10%, you get $63.9645, 0.3449, 0.4291$, and if you desaturate by 10%, it is $67.6961, 0.3281, 0.3732$.

Distribution



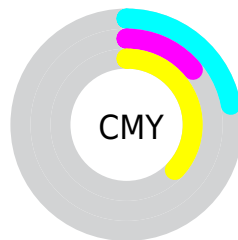
- Red (78%)
- Green (86%)
- Blue (63%)



- Red (63%)
- Yellow (86%)
- Blue (71%)



- Cyan (10%)
- Magenta (0%)
- Yellow (27%)
- Black (14%)




- Cyan (22%)
- Magenta (14%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.7302, 0.3368, 0.4008 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 65.7302, 0.3368, 0.4008 by changing the saturation by 10% instead.


 65.7302, 0.3368,
0.4008

 65.7302, 0.3368,
0.4008


445.4114, 0.3261,
0.3660

 48.0534, 0.3391,
0.4091


 113.0990, 0.3332,
0.3884

 33.8692, 0.3417,
0.4196


 143.5598, 0.3318,
0.3837

 22.7931, 0.3449,
0.4331


179.0508, 0.3306,
0.3797

 14.4408, 0.3486,
0.4511

219.9563, 0.3295,
0.3762

 8.4279, 0.3528,
0.4763

266.6607, 0.3285,
0.3731

 4.3700, 0.3566,
0.5134

319.5484, 0.3276,

 1.8826, 0.3837,

0.3705

0.6163

379.0038, 0.3268,
0.3681

0.5379, 0.1355,
0.8645

0.0000, 0.0000,
0.0000

65.7302, 0.3368,
0.4008

65.7302, 0.3368,
0.4008

63.9645, 0.3449,
0.4291

67.6961, 0.3281,
0.3732

62.3823, 0.3520,
0.4572


69.8610, 0.3192,
0.3470

60.9776, 0.3575,
0.4839

72.2350, 0.3103,
0.3225

59.7409, 0.3609,
0.5079


74.8246, 0.3018,
0.3001


 58.6613, 0.3620,
0.5280


 76.6323, 0.3028,
0.2938

 57.7263, 0.3607,
0.5432

 78.0596, 0.3083,
0.2943

 56.9196, 0.3570,
0.5533

 79.5500, 0.3139,
0.2949

 56.7145, 0.3558,
0.5557

 79.6640, 0.3143,
0.2950

Harmonies

Analogous

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



65.7302, 0.3718, 0.3954



65.7302, 0.3368, 0.4008



65.7302, 0.2968, 0.3833

Triad

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



65.7302, 0.3368, 0.4008



65.7302, 0.2395, 0.2794



65.7302, 0.3639, 0.3089

Complementary

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



65.7302, 0.3368, 0.4008



40.2487, 0.2831, 0.2545

Split Complementary

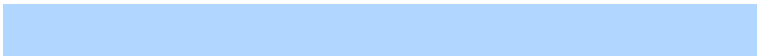
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.7302, 0.3251, 0.2824



65.7302, 0.3368, 0.4008



65.7302, 0.2546, 0.2649

Square

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



65.7302, 0.3368, 0.4008



65.7302, 0.2422, 0.3091



65.7302, 0.2852, 0.2665



65.7302, 0.3887, 0.3411

Rectangle

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



65.7302, 0.3368, 0.4008



65.7302, 0.2727, 0.3610



65.7302, 0.2852, 0.2665



65.7302, 0.3519, 0.2992

Sweetspot

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



65.7331, 0.3368, 0.4008



97.3665, 0.3199, 0.3490



50.8002, 0.3651, 0.3540



20.7390, 0.3212, 0.3529



0.0000, 0.0000, 0.0000



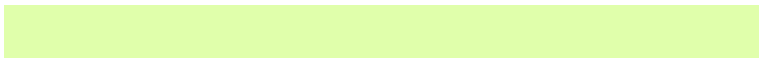
21.4041, 0.3127, 0.3290

Same Dimension

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



65.7331, 0.3368, 0.4008



90.3343, 0.3418, 0.4178



62.1571, 0.3153, 0.4058



15.0133, 0.3211, 0.3525



33.3519, 0.3568, 0.5549



2.2089, 0.3670, 0.5468

Inverse Universe

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



40.2487, 0.2831, 0.2545



48.7966, 0.2751, 0.2361



44.1571, 0.3080, 0.2598



12.8480, 0.3038, 0.3052



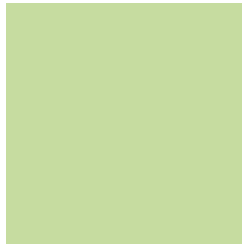
4.1046, 0.1796, 0.0763



0.3138, 0.1980, 0.0865

Previews

White Background



This preview shows how the Yxy color 65.7302, 0.3368, 0.4008 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 65.7302, 0.3368, 0.4008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

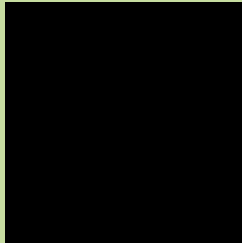
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.7302, 0.3368, 0.4008

Background



This preview shows how black text looks on a background with the Yxy color 65.7302, 0.3368, 0.4008.



This preview shows how white text looks on a background with the Yxy color 65.7302, 0.3368, 0.4008.

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

65.7302, 0.3368, 0.4008

Protanopia

65.3197, 0.3648, 0.3908

Deuteranopia

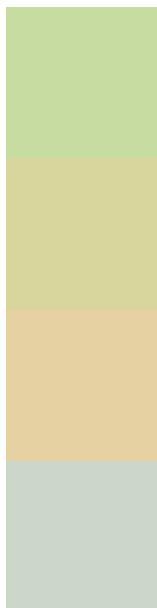
65.3487, 0.3786, 0.3706



Tritanopia

65.5999, 0.2991, 0.3100

Trichromacy



Original Color

65.7302, 0.3368, 0.4008

Protanomaly

65.1264, 0.3543, 0.3948

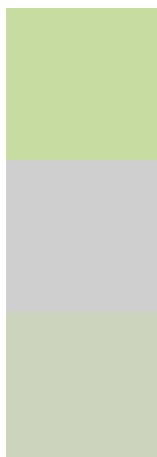
Deuteranomaly

65.0683, 0.3627, 0.3804

Tritanomaly

65.2423, 0.3129, 0.3417

Monochromacy



Original Color

65.7302, 0.3368, 0.4008

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

63.6420, 0.3220, 0.3549

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.7302, 0.3368, 0.4008 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(198, 220, 160)` looks like.

```
.text, #text, p{  
    color:rgb(198, 220, 160)  
}
```

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(198, 220, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 220, 160) }
```

Border

The CSS property to change the border of an element to Yxy 65.7302, 0.3368, 0.4008 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(198, 220, 160) }
```

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

```
.border{ border-color:rgb(198, 220, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 220, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 220, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 220, 160);  
box-shadow:4px 4px 4px 4px rgb(198, 220,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 65.7302, 0.3368, 0.4008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 220, 160) }
```

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

```
.background{ background-color: rgb(198,  
220, 160) }
```

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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