

Converting Colors

Yxy(61.8771, 0.3662, 0.4093)

Have a look what the booklet for
Yxy(61.8771, 0.3662, 0.4093)
contains.

Yxy(61.7905, 0.3663, 0.4095)	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(61.7905, 0.3663, 0.4095)

Conversions

Conversions Part 1

Format	Color
Hex	D6D18C
RGB	214, 209, 140
RGB Percent	84%, 82%, 55%
CMY	0.1607, 0.1804, 0.4509
CMYK	0.00, 0.02, 0.35, 0.16
HSL	56°, 47%, 69%
HSV	56°, 35%, 84%
XYZ	55.2719, 61.7905, 33.8301
YIQ	202.6290, 25.1290, -20.3990

Conversions

Conversions Part 2

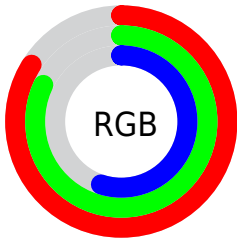
Format	Color
R_{YB}	145, 214, 140
Decimal	14078348
CIE _{Lab}	82.80, -8.53, 34.89
CIE _{LCh}	83, 35.915, 103.736
Yxy	61.7905, 0.3663, 0.4095
Android (android.graphics.Color)	4292268428 (0xFFD6D18C)
YUV	202.6290, -30.8761, 9.9724
Hunter-Lab	78.6069, -12.0510, 29.5082

Details

The Yxy color **61.7905, 0.3663, 0.4095** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **30.6977, 0.2514, 0.2333**, and the grayscale version is **59.6658, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.6750, 0.3490, 0.3890**, and **31.4331, 0.3778, 0.4299** is the 20% darker color. If you saturate the color by 10%, you get **60.5117, 0.3815, 0.4316**, and if you desaturate by 10%, it is **63.2042, 0.3505, 0.3862**.

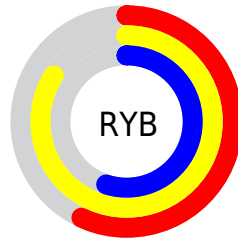
Distribution



Red (84%)

Green (82%)

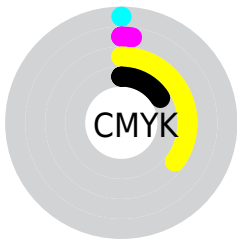
Blue (55%)



Red (57%)

Yellow (84%)

Blue (55%)

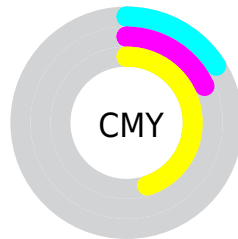


Cyan (0%)

Magenta (2%)

Yellow (35%)

Black (16%)



Cyan (16%)


Magenta (18%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.7905, 0.3663, 0.4095 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 61.7905, 0.3663, 0.4095 by changing the saturation by 10% instead.


 61.7905, 0.3663,
0.4095


 61.7905, 0.3663,
0.4095

431.1665, 0.3416,
0.3709


 44.8634, 0.3718,
0.4185


 107.4227, 0.3578,
0.3959

 31.3499, 0.3783,
0.4296


 136.8966, 0.3545,
0.3907

 20.8654, 0.3864,
0.4437


 171.3216, 0.3516,
0.3862

 13.0257, 0.3962,
0.4619


211.0821, 0.3491,
0.3824

 7.4462, 0.4079,
0.4859

256.5624, 0.3469,
0.3790

 3.7427, 0.4287,
0.5277

308.1470, 0.3449,

 1.5307, 0.4343,

0.3760

0.5657

366.2202, 0.3432,
0.3733

0.3102, 0.2183,
0.7817

0.0000, 0.0000,
0.0000

61.7905, 0.3663,
0.4095

61.7905, 0.3663,
0.4095

60.5117, 0.3815,
0.4316

63.2042, 0.3505,
0.3862

59.3523, 0.3956,
0.4516


64.7510, 0.3348,
0.3626

58.3071, 0.4080,
0.4684


66.4398, 0.3195,
0.3394


57.3672, 0.4180,
0.4814

68.2764, 0.3049,
0.3171


 56.5225, 0.4254,
0.4900

 70.2661, 0.2914,
0.2960

 55.7602, 0.4301,
0.4942

 71.5186, 0.2866,
0.2896

 55.3698, 0.4318,
0.4953

 72.2748, 0.2867,
0.2911

 73.0377, 0.2867,
0.2927

 73.8072, 0.2868,
0.2943

Harmonies

Analogous

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



61.7905, 0.3964, 0.3888



61.7905, 0.3663, 0.4095



61.7905, 0.3231, 0.4070

Triad

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



61.7905, 0.3663, 0.4095



61.7905, 0.2298, 0.2920



61.7905, 0.3436, 0.2862

Complementary

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



61.7905, 0.3663, 0.4095



30.6977, 0.2514, 0.2333

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.



61.7905, 0.2970, 0.2637



61.7905, 0.3663, 0.4095



61.7905, 0.2342, 0.2647

Square

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



61.7905, 0.3663, 0.4095



61.7905, 0.2455, 0.3338



61.7905, 0.2578, 0.2556



61.7905, 0.3837, 0.3188

Rectangle

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



61.7905, 0.3663, 0.4095



61.7905, 0.2930, 0.3903



61.7905, 0.2578, 0.2556



61.7905, 0.3280, 0.2773

Sweetspot

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



61.7933, 0.3663, 0.4095



97.3647, 0.3278, 0.3521



35.1420, 0.3873, 0.3216



20.7646, 0.3300, 0.3554



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.



61.7933, 0.3663, 0.4095



90.5478, 0.3768, 0.4248



60.0903, 0.3398, 0.4222



14.3687, 0.3268, 0.3505



33.5207, 0.4316, 0.4955



2.0662, 0.4293, 0.4973

Inverse Universe

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



30.6977, 0.2514, 0.2333



38.0484, 0.2373, 0.2107



32.2588, 0.2766, 0.2331



12.1428, 0.2981, 0.3065



3.1881, 0.1513, 0.0646



0.2409, 0.1552, 0.0788

Previews

White Background



This preview shows how the Yxy color 61.7905, 0.3663, 0.4095 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 61.7905, 0.3663, 0.4095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

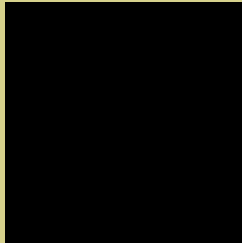
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.7905, 0.3663, 0.4095

Background



This preview shows how black text looks on a background with the Yxy color 61.7905, 0.3663, 0.4095.



This preview shows how white text looks on a background with the Yxy color 61.7905, 0.3663, 0.4095.

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

61.7905, 0.3663, 0.4095

Protanopia

61.6947, 0.3756, 0.4054

Deuteranopia

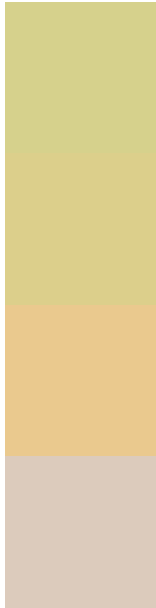
61.5085, 0.3958, 0.3869



Tritanopia

61.9028, 0.3197, 0.3124

Trichromacy



Original Color

61.7905, 0.3663, 0.4095

Protanomaly

61.7054, 0.3727, 0.4072

Deuteranomaly

61.2187, 0.3847, 0.3945

Tritanomaly

61.5584, 0.3372, 0.3462

Monochromacy



Original Color

61.7905, 0.3663, 0.4095

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.2233, 0.3324, 0.3587

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.7905, 0.3663, 0.4095 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(214, 209, 140)` looks like.

```
.text, #text, p{  
    color:rgb(214, 209, 140)  
}
```

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(214, 209, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 209, 140) }
```

Border

The CSS property to change the border of an element to Yxy 61.7905, 0.3663, 0.4095 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(214, 209, 140) }
```

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

```
.border{ border-color:rgb(214, 209, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 209, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 209, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 209, 140);  
box-shadow:4px 4px 4px 4px rgb(214, 209,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 61.7905, 0.3663, 0.4095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 209, 140) }
```

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

```
.background{ background-color: rgb(214,  
209, 140) }
```

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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