

Converting Colors

Yxy(61.2253, 0.3167, 0.3477)

Have a look what the booklet for
Yxy(61.2253, 0.3167, 0.3477)
contains.

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Color

Yxy(61.1041, 0.3164, 0.3469)

Conversions

Conversions Part 1

Format	Color
Hex	C7D0C1
RGB	199, 208, 193
RGB Percent	78%, 82%, 76%
CMY	0.2197, 0.1843, 0.2431
CMYK	0.04, 0.00, 0.07, 0.18
HSL	96°, 14%, 79%
HSV	96°, 7%, 82%
XYZ	55.7317, 61.1041, 59.3074
YIQ	203.5990, -0.5490, -6.5730

Conversions

Conversions Part 2

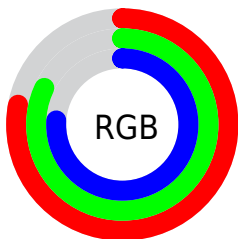
Format	Color
RYB	193, 208, 202
Decimal	13095105
CIELab	82.43, -5.79, 6.38
CIElCh	82, 8.616, 132.232
Yxy	61.1041, 0.3164, 0.3469
Android (android.graphics.Color)	4291285185 (0xFFC7D0C1)
YUV	203.5990, -5.2253, -4.0333
Hunter-Lab	78.1691, -9.5319, 9.7347

Details

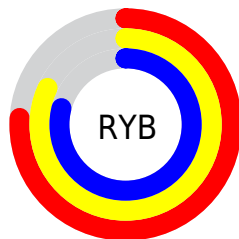
The Yxy color **61.1041, 0.3164, 0.3469** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.2534, 0.3088, 0.3112**, and the grayscale version is **60.1513, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6196, 0.3162, 0.3347**, and **31.0244, 0.3167, 0.3513** is the 20% darker color. If you saturate the color by 10%, you get **58.6023, 0.3214, 0.3738**, and if you desaturate by 10%, it is **63.8823, 0.3113, 0.3224**.

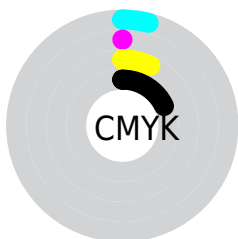
Distribution



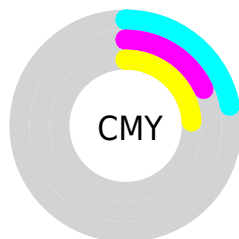
- Red (78%)
- Green (82%)
- Blue (76%)



- Red (76%)
- Yellow (82%)
- Blue (79%)



- Cyan (4%)
- Magenta (0%)
- Yellow (7%)
- Black (18%)



- Cyan (22%)
- Magenta (18%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.1041, 0.3164, 0.3469 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 61.1041, 0.3164, 0.3469 by changing the saturation by 10% instead.

■ 61.1041, 0.3164,
0.3469

■ 61.1041, 0.3164,
0.3469

428.6556, 0.3147,
0.3383

■ 44.3092, 0.3168,
0.3490

■ 106.4297, 0.3158,
0.3438

■ 30.9137, 0.3173,
0.3516

135.7291, 0.3156,
0.3427

■ 20.5331, 0.3179,
0.3550

169.9655, 0.3154,
0.3417

■ 12.7832, 0.3187,
0.3596

209.5232, 0.3152,
0.3408

■ 7.2794, 0.3198,
0.3661

254.7867, 0.3150,
0.3400

■ 3.6374, 0.3214,
0.3762

306.1403, 0.3149,

■ 1.4729, 0.3238,

0.3394

0.3939

363.9685, 0.3148,
0.3388

0.2695, 0.2987,
0.7013

0.0000, 0.0000,
0.0000

61.1041, 0.3164,
0.3469

61.1041, 0.3164,
0.3469

58.6023, 0.3214,
0.3738

63.8823, 0.3113,
0.3224

56.3601, 0.3261,
0.4028

66.9372, 0.3063,
0.3004

54.3710, 0.3302,
0.4335

70.2537, 0.3017,
0.2812

52.6250, 0.3334,
0.4647

72.4752, 0.3106,
0.2825

■ 51.1115, 0.3352,
0.4953

■ 73.5961, 0.3149,
0.2831

■ 49.8190, 0.3354,
0.5235

■ 48.7348, 0.3336,
0.5476

■ 47.8443, 0.3300,
0.5661

■ 47.1295, 0.3249,
0.5785

Harmonies

Analogous

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



61.1041, 0.3266, 0.3481



61.1041, 0.3164, 0.3469



61.1041, 0.3054, 0.3407

Triad

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



61.1041, 0.3164, 0.3469



61.1041, 0.2927, 0.3137



61.1041, 0.3292, 0.3266

Complementary

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



61.1041, 0.3164, 0.3469



55.2534, 0.3088, 0.3112

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.



61.1041, 0.3199, 0.3178



61.1041, 0.3164, 0.3469



61.1041, 0.2988, 0.3104

Square

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



61.1041, 0.3164, 0.3469



61.1041, 0.2918, 0.3213



61.1041, 0.3088, 0.3119



61.1041, 0.3341, 0.3361

Rectangle

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



61.1041, 0.3164, 0.3469



61.1041, 0.2990, 0.3346



61.1041, 0.3088, 0.3119



61.1041, 0.3265, 0.3234

Sweetspot

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



61.1067, 0.3164, 0.3469



99.0991, 0.3137, 0.3339



59.5048, 0.3240, 0.3396



21.2208, 0.3137, 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.



61.1067, 0.3164, 0.3469



96.0861, 0.3174, 0.3518



60.3710, 0.3108, 0.3453



13.4331, 0.3175, 0.3526



29.3146, 0.3245, 0.5806



1.6847, 0.3392, 0.5689

Inverse Universe

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



55.2534, 0.3088, 0.3112



84.5260, 0.3077, 0.3064



56.0316, 0.3147, 0.3132



11.7640, 0.3075, 0.3056



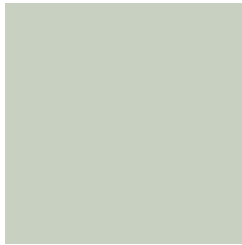
5.6140, 0.2240, 0.1008



0.3594, 0.2416, 0.1105

Previews

White Background



This preview shows how the Yxy color 61.1041, 0.3164, 0.3469 looks on a white background.

Color Contrast Check

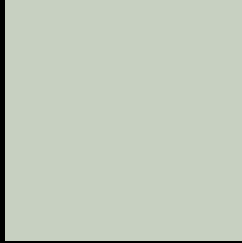
Large Text (above 18pt) WCAG AA × Fail

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 61.1041, 0.3164, 0.3469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

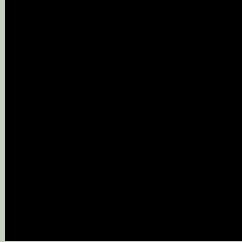
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

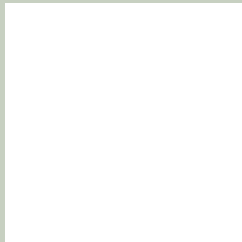
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.1041, 0.3164, 0.3469

Background



This preview shows how black text looks on a background with the Yxy color 61.1041, 0.3164, 0.3469.



This preview shows how white text looks on a background with the Yxy color 61.1041, 0.3164, 0.3469.

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

61.1041, 0.3164, 0.3469

Protanopia

60.9444, 0.3284, 0.3442

Deuteranopia

60.8223, 0.3391, 0.3324



Tritanopia

61.0495, 0.3009, 0.3106

Trichromacy



Original Color

61.1041, 0.3164, 0.3469

Protanomaly

60.7338, 0.3236, 0.3443

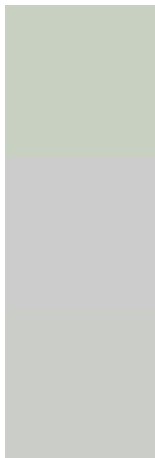
Deuteranomaly

60.8878, 0.3304, 0.3382

Tritanomaly

60.8723, 0.3070, 0.3232

Monochromacy



Original Color

61.1041, 0.3164, 0.3469

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.3893, 0.3140, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.1041, 0.3164, 0.3469 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(199, 208, 193)` looks like.

```
.text, #text, p{  
    color:rgb(199, 208, 193)  
}
```

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(199, 208, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 208, 193) }
```

Border

The CSS property to change the border of an element to Yxy 61.1041, 0.3164, 0.3469 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(199, 208, 193) }
```

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

```
.border{ border-color:rgb(199, 208, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 208, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 208, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 208, 193);  
box-shadow:4px 4px 4px 4px rgb(199, 208,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 61.1041, 0.3164, 0.3469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 208, 193) }
```

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

```
.background{ background-color: rgb(199,  
208, 193) }
```

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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