

Converting Colors

Yxy(61.3588, 0.3252, 0.3616)

Have a look what the booklet for
Yxy(61.3588, 0.3252, 0.3616)
contains.

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Color

Yxy(61.2577, 0.3249, 0.3614)

Conversions

Conversions Part 1

Format	Color
Hex	C8D1B6
RGB	200, 209, 182
RGB Percent	78%, 82%, 71%
CMY	0.2155, 0.1804, 0.2863
CMYK	0.04, 0.00, 0.13, 0.18
HSL	80°, 23%, 77%
HSV	80°, 13%, 82%
XYZ	55.0709, 61.2577, 53.1725
YIQ	203.2310, 3.3030, -10.3050

Conversions

Conversions Part 2

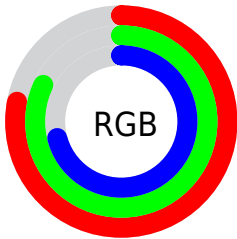
Format	Color
RYB	182, 209, 191
Decimal	13160886
CIELab	82.52, -7.81, 12.36
CIELCh	83, 14.619, 122.278
Yxy	61.2577, 0.3249, 0.3614
Android (android.graphics.Color)	4291350966 (0xFFC8D1B6)
YUV	203.2310, -10.4669, -2.8336
Hunter-Lab	78.2673, -11.3705, 14.5072

Details

The Yxy color **61.2577, 0.3249, 0.3614** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.1252, 0.2994, 0.2959**, and the grayscale version is **59.9440, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.9530, 0.3226, 0.3454**, and **31.1387, 0.3278, 0.3707** is the 20% darker color. If you saturate the color by 10%, you get **59.5270, 0.3343, 0.3882**, and if you desaturate by 10%, it is **63.1659, 0.3154, 0.3361**.

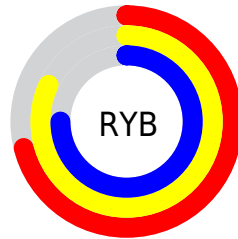
Distribution



Red (78%)

Green (82%)

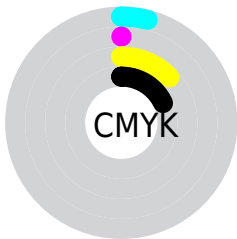
Blue (71%)



Red (71%)

Yellow (82%)

Blue (75%)

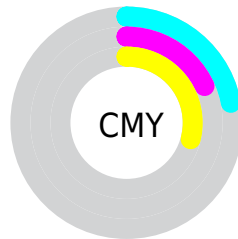


Cyan (4%)

Magenta (0%)

Yellow (13%)

Black (18%)



Cyan (22%)

Magenta (18%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.2577, 0.3249, 0.3614 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 61.2577, 0.3249, 0.3614 by changing the saturation by 10% instead.

 61.2577, 0.3249,
0.3614

 61.2577, 0.3249,
0.3614


429.2182, 0.3192,
0.3457

 44.4332, 0.3262,
0.3652

 106.6520, 0.3229,
0.3558

 31.0112, 0.3278,
0.3699


135.9905, 0.3221,
0.3537

 20.6074, 0.3299,
0.3761


170.2692, 0.3215,
0.3519

 12.8373, 0.3326,
0.3845

209.8724, 0.3209,
0.3503

 7.3166, 0.3362,
0.3965

255.1845, 0.3204,
0.3489

 3.6609, 0.3414,
0.4150

306.5899, 0.3200,

 1.4857, 0.3525,

0.3477

0.4516

364.4730, 0.3196,
0.3467

■ 0.2787, 0.2104,
0.7896

■ 0.0000, 0.0000,
0.0000

■ 61.2577, 0.3249,
0.3614

■ 61.2577, 0.3249,
0.3614

■ 59.5270, 0.3343,
0.3882

■ 63.1659, 0.3154,
0.3361

■ 57.9596, 0.3433,
0.4159

■ 65.2496, 0.3062,
0.3125

■ 56.5514, 0.3515,
0.4437

■ 67.5170, 0.2973,
0.2910

■ 55.2952, 0.3583,
0.4706

■ 69.2723, 0.2956,
0.2814

■ 54.1832, 0.3634,
0.4952

■ 70.4267, 0.3004,
0.2821

■ 53.2064, 0.3661,
0.5164

■ 71.6271, 0.3053,
0.2828

■ 52.3549, 0.3664,
0.5332

■ 72.8738, 0.3102,
0.2834

■ 51.6167, 0.3642,
0.5451

■ 74.0780, 0.3148,
0.2841

■ 51.1482, 0.3616,
0.5511

Harmonies

Analogous

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



61.2577, 0.3407, 0.3600



61.2577, 0.3249, 0.3614



61.2577, 0.3061, 0.3534

Triad

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



61.2577, 0.3249, 0.3614



61.2577, 0.2775, 0.3065



61.2577, 0.3361, 0.3195

Complementary

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



61.2577, 0.3249, 0.3614



49.1252, 0.2994, 0.2959

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.



61.2577, 0.3185, 0.3063



61.2577, 0.3249, 0.3614



61.2577, 0.2850, 0.2986

Square

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



61.2577, 0.3249, 0.3614



61.2577, 0.2792, 0.3209



61.2577, 0.2998, 0.2987



61.2577, 0.3475, 0.3354

Rectangle

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



61.2577, 0.3249, 0.3614



61.2577, 0.2945, 0.3439



61.2577, 0.2998, 0.2987



61.2577, 0.3307, 0.3146

Sweetspot

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



61.2604, 0.3249, 0.3614



98.7247, 0.3165, 0.3388



53.9942, 0.3347, 0.3393



21.0809, 0.3172, 0.3407



0.0000, 0.0000, 0.0000



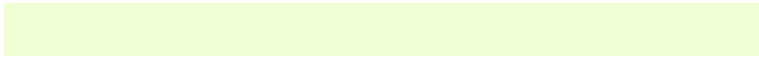
21.4041, 0.3127, 0.3290

Same Dimension

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



61.2604, 0.3249, 0.3614



95.1696, 0.3280, 0.3700



59.5327, 0.3149, 0.3624



13.5931, 0.3216, 0.3523



31.5941, 0.3624, 0.5504



1.8088, 0.3731, 0.5419

Inverse Universe

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



49.1252, 0.2994, 0.2959



71.8636, 0.2956, 0.2869



50.8996, 0.3101, 0.2970



11.6053, 0.3033, 0.3053



3.6732, 0.1749, 0.0737



0.2483, 0.1957, 0.0851

Previews

White Background



This preview shows how the Yxy color 61.2577, 0.3249, 0.3614 looks on a white background.

Color Contrast Check

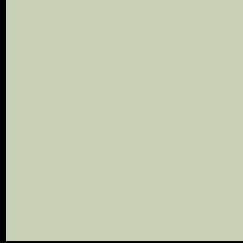
Large Text (above 18pt) WCAG AA × Fail

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 61.2577, 0.3249, 0.3614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

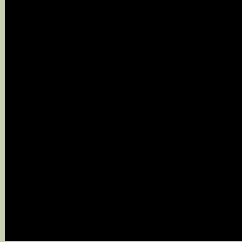
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

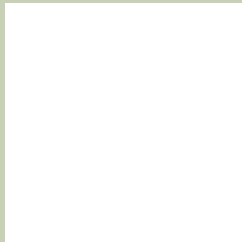
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.2577, 0.3249, 0.3614

Background



This preview shows how black text looks on a background with the Yxy color 61.2577, 0.3249, 0.3614.



This preview shows how white text looks on a background with the Yxy color 61.2577, 0.3249, 0.3614.

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

61.2577, 0.3249, 0.3614

Protanopia

61.4050, 0.3388, 0.3581

Deuteranopia

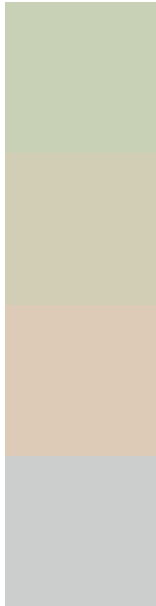
61.1725, 0.3519, 0.3447



Tritanopia

61.4748, 0.3031, 0.3107

Trichromacy



Original Color

61.2577, 0.3249, 0.3614

Protanomaly

61.1804, 0.3339, 0.3584

Deuteranomaly

61.0321, 0.3419, 0.3508

Tritanomaly

61.4362, 0.3112, 0.3290

Monochromacy



Original Color

61.2577, 0.3249, 0.3614

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.1593, 0.3175, 0.3409

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.2577, 0.3249, 0.3614 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(200, 209, 182)` looks like.

```
.text, #text, p{  
    color:rgb(200, 209, 182)  
}
```

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(200, 209, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 209, 182) }
```

Border

The CSS property to change the border of an element to Yxy 61.2577, 0.3249, 0.3614 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(200, 209, 182) }
```

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

```
.border{ border-color:rgb(200, 209, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 209, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 209, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 209, 182);  
box-shadow:4px 4px 4px 4px rgb(200, 209,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 61.2577, 0.3249, 0.3614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 209, 182) }
```

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

```
.background{ background-color: rgb(200,  
209, 182) }
```

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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