

Converting Colors

Yxy(59.9381, 0.3212, 0.3471)

Have a look what the booklet for
Yxy(59.9381, 0.3212, 0.3471)
contains.

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Color

Yxy(59.9369, 0.3211, 0.3469)

Conversions

Conversions Part 1

Format	Color
Hex	CACDBE
RGB	202, 205, 190
RGB Percent	79%, 80%, 75%
CMY	0.2079, 0.1960, 0.2549
CMYK	0.01, 0.00, 0.07, 0.20
HSL	72°, 13%, 77%
HSV	72°, 7%, 80%
XYZ	55.4792, 59.9369, 57.3625
YIQ	202.3930, 3.0270, -5.3010

Conversions

Conversions Part 2

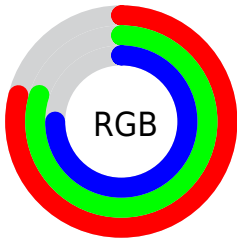
Format	Color
RYB	190, 205, 193
Decimal	13290942
CIELab	81.80, -3.71, 7.10
CIELCh	82, 8.007, 117.568
Yxy	59.9369, 0.3211, 0.3469
Android (android.graphics.Color)	4291481022 (0xFFCACDBE)
YUV	202.3930, -6.1097, -0.3447
Hunter-Lab	77.4189, -7.5682, 10.2631

Details

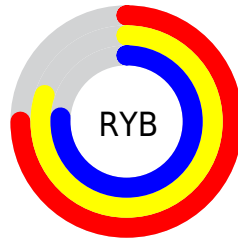
The Yxy color **59.9369, 0.3211, 0.3469** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.5796, 0.3040, 0.3107**, and the grayscale version is **59.3584, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **30.2353, 0.3229, 0.3513** is the 20% darker color. If you saturate the color by 10%, you get **58.5357, 0.3327, 0.3725**, and if you desaturate by 10%, it is **61.4849, 0.3097, 0.3226**.

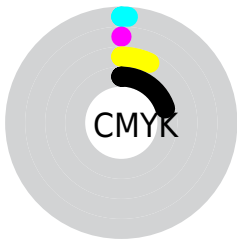
Distribution



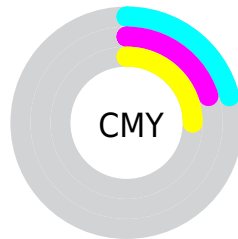
- Red (79%)
- Green (80%)
- Blue (75%)



- Red (75%)
- Yellow (80%)
- Blue (76%)



- Cyan (1%)
- Magenta (0%)
- Yellow (7%)
- Black (20%)



- Cyan (21%)
- Magenta (20%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.9369, 0.3211, 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 59.9369, 0.3211, 0.3469 by changing the saturation by 10% instead.

■ 59.9369, 0.3211,
0.3469

■ 59.9369, 0.3211,
0.3469

424.3651, 0.3171,
0.3383

■ 43.3678, 0.3220,
0.3490

■ 104.7381, 0.3197,
0.3438

■ 30.1738, 0.3232,
0.3516

133.7390, 0.3192,
0.3427

■ 19.9705, 0.3247,
0.3550

167.6526, 0.3187,
0.3417

■ 12.3736, 0.3267,
0.3596

206.8633, 0.3183,
0.3408

■ 6.9987, 0.3296,
0.3661

251.7556, 0.3179,
0.3400

■ 3.4613, 0.3338,
0.3763

302.7137, 0.3176,

■ 1.3770, 0.3408,

0.3394

0.3940

360.1221, 0.3174,
0.3388

■ 0.1997, 0.3322,
0.6678

■ 0.0000, 0.0000,
0.0000

■ 59.9369, 0.3211,
0.3469

■ 59.9369, 0.3211,
0.3469

■ 58.5357, 0.3327,
0.3725

■ 61.4849, 0.3097,
0.3226

■ 57.2681, 0.3443,
0.3988

■ 63.1769, 0.2988,
0.3000

■ 56.1310, 0.3553,
0.4253

■ 65.0203, 0.2884,
0.2792

■ 55.1183, 0.3653,
0.4509

■ 65.8752, 0.2891,
0.2762

■ 54.2231, 0.3737,
0.4745

■ 66.5232, 0.2920,
0.2766

■ 53.4382, 0.3801,
0.4952

■ 67.1872, 0.2949,
0.2771

■ 52.7550, 0.3840,
0.5119

■ 67.8674, 0.2978,
0.2775

■ 52.1639, 0.3853,
0.5240

■ 68.5639, 0.3007,
0.2780

■ 51.6513, 0.3843,
0.5317

■ 69.2767, 0.3036,
0.2784

Harmonies

Analogous

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



59.9369, 0.3292, 0.3456



59.9369, 0.3211, 0.3469



59.9369, 0.3108, 0.3433

Triad

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



59.9369, 0.3211, 0.3469



59.9369, 0.2929, 0.3178



59.9369, 0.3243, 0.3225

Complementary

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



59.9369, 0.3211, 0.3469



52.5796, 0.3040, 0.3107

Split Complementary

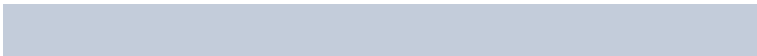
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



59.9369, 0.3144, 0.3154



59.9369, 0.3211, 0.3469



59.9369, 0.2964, 0.3126

Square

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



59.9369, 0.3211, 0.3469



59.9369, 0.2947, 0.3262



59.9369, 0.3042, 0.3117



59.9369, 0.3311, 0.3314

Rectangle

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



59.9369, 0.3211, 0.3469



59.9369, 0.3041, 0.3385



59.9369, 0.3042, 0.3117



59.9369, 0.3212, 0.3198

Sweetspot

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



59.9395, 0.3211, 0.3469



99.4812, 0.3150, 0.3339



54.8414, 0.3248, 0.3326



21.2985, 0.3149, 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.



59.9395, 0.3211, 0.3469



97.7411, 0.3232, 0.3514



58.9220, 0.3153, 0.3472



12.9779, 0.3235, 0.3521



32.1111, 0.3843, 0.5330



1.6863, 0.3915, 0.5273

Inverse Universe

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



52.5796, 0.3040, 0.3107



82.9112, 0.3017, 0.3060



53.5872, 0.3099, 0.3111



10.9512, 0.3013, 0.3053



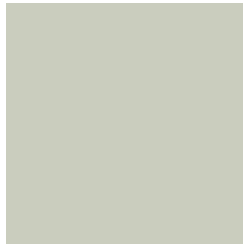
3.0749, 0.1605, 0.0658



0.1914, 0.1795, 0.0762

Previews

White Background



This preview shows how the Yxy color 59.9369, 0.3211, 0.3469 looks on a white background.

Color Contrast Check

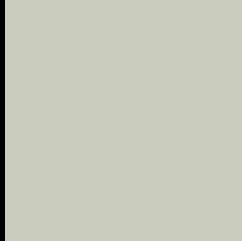
Large Text (above 18pt) WCAG AA × Fail

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 59.9369, 0.3211, 0.3469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

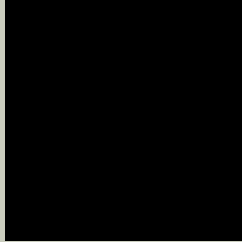
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

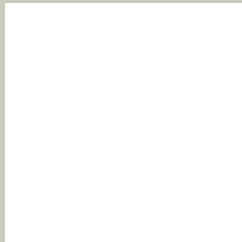
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.9369, 0.3211, 0.3469

Background



This preview shows how black text looks on a background with the Yxy color 59.9369, 0.3211, 0.3469.



This preview shows how white text looks on a background with the Yxy color 59.9369, 0.3211, 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

59.9369, 0.3211, 0.3469

Protanopia

59.6168, 0.3285, 0.3443

Deuteranopia

59.6165, 0.3410, 0.3336



Tritanopia

59.9049, 0.3052, 0.3106

Trichromacy



Original Color

59.9369, 0.3211, 0.3469

Protanomaly

59.6514, 0.3260, 0.3456

Deuteranomaly

59.5139, 0.3339, 0.3383

Tritanomaly

59.7252, 0.3115, 0.3232

Monochromacy



Original Color

59.9369, 0.3211, 0.3469

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.3456, 0.3155, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.9369, 0.3211, 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(202, 205, 190)` looks like.

```
.text, #text, p{  
    color:rgb(202, 205, 190)  
}
```

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(202, 205, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 205, 190) }
```

Border

The CSS property to change the border of an element to Yxy 59.9369, 0.3211, 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(202, 205, 190) }
```

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

```
.border{ border-color:rgb(202, 205, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 205, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 205, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 205, 190);  
box-shadow:4px 4px 4px 4px rgb(202, 205,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 59.9369, 0.3211, 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(202, 205, 190) }
```

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

```
.background{ background-color: rgb(202,  
205, 190) }
```

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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