

Converting Colors

Yxy(69.7273, 0.3120, 0.3264)

Have a look what the booklet for
Yxy(69.7273, 0.3120, 0.3264)
contains.

Yxy(69.6456, 0.3121, 0.3268)	3
Conversions	4
Details	6
Harmonies	12
Previews	23
Color Blindness Simulation	26
CSS Examples	29

Color

Yxy(69.6456, 0.3121, 0.3268)

Conversions

Conversions Part 1

Format	Color
Hex	DAD9DB
RGB	218, 217, 219
RGB Percent	85%, 85%, 86%
CMY	0.1451, 0.1490, 0.1412
CMYK	0.00, 0.01, 0.00, 0.14
HSL	270°, 3%, 85%
HSV	270°, 1%, 86%
XYZ	66.5128, 69.6456, 76.9554
YIQ	217.5270, -0.0460, 0.8340

Conversions

Conversions Part 2

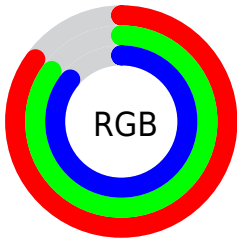
Format	Color
RYP	218, 217, 219
Decimal	14342619
CIELab	86.82, 0.71, -0.87
CIELCh	87, 1.121, 309.021
Yxy	69.6456, 0.3121, 0.3268
Android (android.graphics.Color)	4292532699 (0xFFDAD9DB)
YUV	217.5270, 0.7262, 0.4148
Hunter-Lab	83.4539, -3.7798, 3.7447

Details

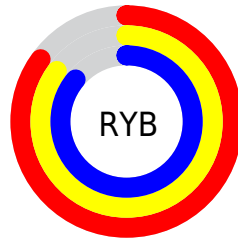
The Yxy color **69.6456, 0.3121, 0.3268** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.5800, 0.3133, 0.3312**, and the grayscale version is **69.7654, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.3075, 0.3119, 0.3261** is the 20% darker color. If you saturate the color by 10%, you get **57.4640, 0.3047, 0.3015**, and if you desaturate by 10%, it is **83.4429, 0.3184, 0.3499**.

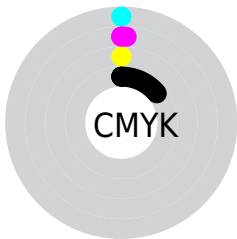
Distribution



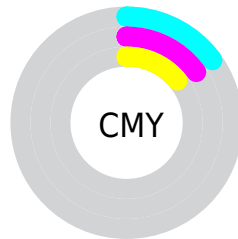
- Red (85%)
- Green (85%)
- Blue (86%)



- Red (85%)
- Yellow (85%)
- Blue (86%)



- Cyan (0%)
- Magenta (1%)
- Yellow (0%)
- Black (14%)



- Cyan (15%)
- Magenta (15%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.6456, 0.3121, 0.3268 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 69.6456, 0.3121, 0.3268 by changing the saturation by 10% instead.

■ 69.6456, 0.3121,
0.3268

■ 69.6456, 0.3121,
0.3268

459.3047, 0.3124,
0.3278

■ 51.2377, 0.3120,
0.3266

118.7032, 0.3122,
0.3272

■ 36.3978, 0.3119,
0.3263

150.1217, 0.3122,
0.3273

■ 24.7416, 0.3118,
0.3259

186.6458, 0.3123,
0.3274

■ 15.8846, 0.3117,
0.3254

228.6599, 0.3123,
0.3275

■ 9.4425, 0.3115,
0.3247

276.5485, 0.3123,
0.3276

■ 5.0309, 0.3112,
0.3237

330.6959, 0.3124,

■ 2.2654, 0.3107,

0.3277

0.3221

391.4865, 0.3124,
0.3278

0.7553, 0.3097,
0.3182

0.0000, 0.0000,
0.0000

69.6456, 0.3121,
0.3268

69.6456, 0.3121,
0.3268

57.4640, 0.3047,
0.3015

83.4429, 0.3184,
0.3499

46.8285, 0.2960,
0.2742

95.1444, 0.3242,
0.3652

37.6775, 0.2861,
0.2453

97.1190, 0.3312,
0.3644

29.9417, 0.2749,
0.2155

97.8946, 0.3339,
0.3641

■ 23.5462, 0.2626,
0.1860

■ 18.4091, 0.2496,
0.1580

■ 14.4390, 0.2363,
0.1330

■ 11.5315, 0.2232,
0.1126

■ 9.5627, 0.2111,
0.0975

Harmonies

Analogous

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



69.6456, 0.3109, 0.3267



69.6456, 0.3121, 0.3268



69.6456, 0.3135, 0.3275

Triad

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



69.6456, 0.3121, 0.3268



69.6456, 0.3153, 0.3308



69.6456, 0.3108, 0.3294

Complementary

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



69.6456, 0.3121, 0.3268



70.5800, 0.3133, 0.3312

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.



69.6456, 0.3120, 0.3306



69.6456, 0.3121, 0.3268



69.6456, 0.3146, 0.3314

Square

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



69.6456, 0.3121, 0.3268



69.6456, 0.3153, 0.3298



69.6456, 0.3133, 0.3313



69.6456, 0.3101, 0.3282

Rectangle

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



69.6456, 0.3121, 0.3268



69.6456, 0.3143, 0.3282



69.6456, 0.3133, 0.3313



69.6456, 0.3111, 0.3298

Sweetspot

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



69.6486, 0.3121, 0.3268

100.0000, 0.3127, 0.3290



70.0288, 0.3113, 0.3279



21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

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



69.6486, 0.3121, 0.3268



98.1427, 0.3120, 0.3266



69.7979, 0.3128, 0.3268



15.2181, 0.3121, 0.3267



5.0428, 0.2027, 0.0890



0.3779, 0.2205, 0.0988

Inverse Universe

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



69.7507, 0.3135, 0.3279



98.3020, 0.3136, 0.3278



70.4315, 0.3126, 0.3312



15.2412, 0.3135, 0.3279



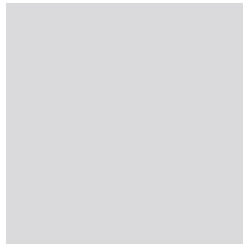
9.6137, 0.4949, 0.2500



0.6402, 0.4589, 0.2302

Previews

White Background



This preview shows how the Yxy color 69.6456, 0.3121, 0.3268 looks on a white background.

Color Contrast Check

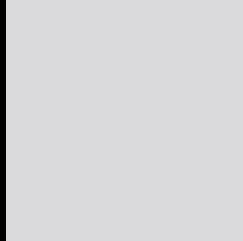
Large Text (above 18pt) WCAG AA × Fail

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 69.6456, 0.3121, 0.3268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

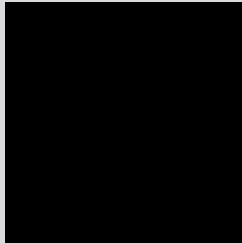
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

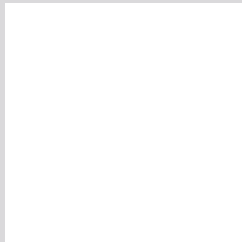
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.6456, 0.3121, 0.3268

Background



This preview shows how black text looks on a background with the Yxy color 69.6456, 0.3121, 0.3268.

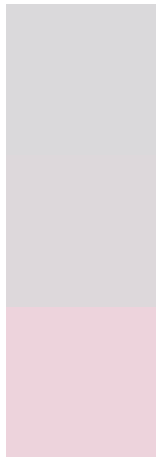


This preview shows how white text looks on a background with the Yxy color 69.6456, 0.3121, 0.3268.

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

69.6456, 0.3121, 0.3268

Protanopia

69.5984, 0.3143, 0.3257

Deuteranopia

69.7604, 0.3258, 0.3195



Tritanopia

69.6427, 0.3050, 0.3106

Trichromacy



Original Color

69.6456, 0.3121, 0.3268

Protanomaly

69.4419, 0.3136, 0.3257

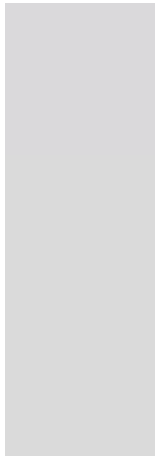
Deuteranomaly

69.5788, 0.3204, 0.3215

Tritanomaly

69.7179, 0.3075, 0.3170

Monochromacy



Original Color

69.6456, 0.3121, 0.3268

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.1102, 0.3127, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.6456, 0.3121, 0.3268 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(218, 217, 219)` looks like.

```
.text, #text, p{  
    color:rgb(218, 217, 219)  
}
```

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(218, 217, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 217, 219) }
```

Border

The CSS property to change the border of an element to Yxy 69.6456, 0.3121, 0.3268 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(218, 217, 219) }
```

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

```
.border{ border-color:rgb(218, 217, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 217, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 217, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 217, 219);  
box-shadow:4px 4px 4px 4px rgb(218, 217,  
219) }
```

Background

The CSS property to change the background color of an element to Yxy 69.6456, 0.3121, 0.3268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 217, 219) }
```

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

```
.background{ background-color: rgb(218,  
217, 219) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor