

Converting Colors

Yxy(69.0557, 0.3221, 0.3513)

Have a look what the booklet for
Yxy(69.0557, 0.3221, 0.3513)
contains.

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Color

Yxy(69.0827, 0.3225, 0.3516)

Conversions

Conversions Part 1

Format	Color
Hex	D6DBC7
RGB	214, 219, 199
RGB Percent	84%, 86%, 78%
CMY	0.1609, 0.1411, 0.2196
CMYK	0.02, 0.00, 0.09, 0.14
HSL	75°, 22%, 82%
HSV	75°, 9%, 86%
XYZ	63.3651, 69.0827, 64.0331
YIQ	215.2250, 3.4400, -7.2800

Conversions

Conversions Part 2

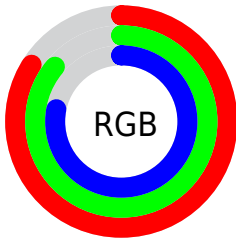
Format	Color
R _Y B	199, 219, 204
Decimal	14080967
CIE Lab	86.54, -5.21, 9.24
CIE LCh	87, 10.608, 119.434
Yxy	69.0827, 0.3225, 0.3516
Android (android.graphics.Color)	4292271047 (0xFFD6DBC7)
YUV	215.2250, -7.9989, -1.0743
Hunter-Lab	83.1160, -9.3701, 12.5038

Details

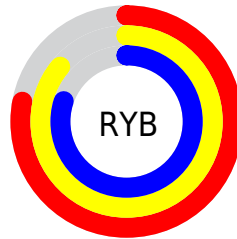
The Yxy color **69.0827, 0.3225, 0.3516** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.8130, 0.3024, 0.3059**, and the grayscale version is **68.1678, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.9662, 0.3247, 0.3573** is the 20% darker color. If you saturate the color by 10%, you get **67.3228, 0.3333, 0.3777**, and if you desaturate by 10%, it is **71.0232, 0.3118, 0.3269**.

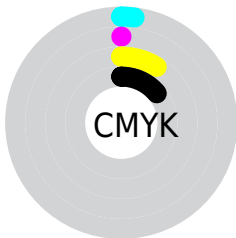
Distribution



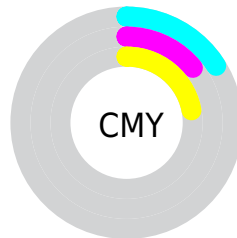
- Red (84%)
- Green (86%)
- Blue (78%)



- Red (78%)
- Yellow (86%)
- Blue (80%)



- Cyan (2%)
- Magenta (0%)
- Yellow (9%)
- Black (14%)



- Cyan (16%)
- Magenta (14%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.0827, 0.3225, 0.3516 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 69.0827, 0.3225, 0.3516 by changing the saturation by 10% instead.

■ 69.0827, 0.3225,
0.3516

■ 69.0827, 0.3225,
0.3516

457.3226, 0.3180,
0.3409

■ 50.7791, 0.3235,
0.3541

117.8997, 0.3209,
0.3479

■ 36.0328, 0.3248,
0.3572

149.1818, 0.3203,
0.3464

■ 24.4595, 0.3264,
0.3612

185.5589, 0.3198,
0.3452

■ 15.6749, 0.3285,
0.3665

227.4154, 0.3193,
0.3441

■ 9.2944, 0.3314,
0.3738

275.1356, 0.3189,
0.3432

■ 4.9337, 0.3354,
0.3848

329.1039, 0.3186,

■ 2.2084, 0.3417,

0.3423

0.4027

389.7048, 0.3183,
0.3416

0.7246, 0.3929,
0.5070

0.0000, 0.0000,
0.0000

69.0827, 0.3225,
0.3516

69.0827, 0.3225,
0.3516

67.3228, 0.3333,
0.3777

71.0232, 0.3118,
0.3269

65.7281, 0.3440,
0.4046

73.1415, 0.3015,
0.3040

64.2946, 0.3539,
0.4317

74.8047, 0.2976,
0.2922

63.0148, 0.3628,
0.4579

75.7368, 0.3013,
0.2926

■ 61.8805, 0.3699,
0.4820

■ 76.6981, 0.3051,
0.2930

■ 60.8826, 0.3749,
0.5031

■ 77.6890, 0.3089,
0.2934

■ 60.0109, 0.3774,
0.5200

■ 78.7097, 0.3127,
0.2938

■ 59.2532, 0.3774,
0.5321

■ 79.1507, 0.3144,
0.2940

■ 58.5902, 0.3751,
0.5400

Harmonies

Analogous

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



69.0827, 0.3331, 0.3502



69.0827, 0.3225, 0.3516



69.0827, 0.3095, 0.3466

Triad

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



69.0827, 0.3225, 0.3516



69.0827, 0.2878, 0.3142



69.0827, 0.3280, 0.3214

Complementary

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



69.0827, 0.3225, 0.3516



58.8130, 0.3024, 0.3059

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.



69.0827, 0.3156, 0.3123



69.0827, 0.3225, 0.3516



69.0827, 0.2926, 0.3080

Square

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



69.0827, 0.3225, 0.3516



69.0827, 0.2896, 0.3247



69.0827, 0.3026, 0.3074



69.0827, 0.3364, 0.3326

Rectangle

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



69.0827, 0.3225, 0.3516



69.0827, 0.3011, 0.3404



69.0827, 0.3026, 0.3074



69.0827, 0.3242, 0.3180

Sweetspot

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



69.0857, 0.3225, 0.3516



99.1527, 0.3159, 0.3363



62.3778, 0.3280, 0.3347



21.1751, 0.3168, 0.3383



0.0000, 0.0000, 0.0000



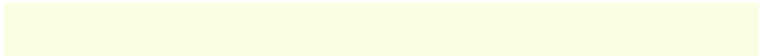
21.4041, 0.3127, 0.3290

Same Dimension

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



69.0857, 0.3225, 0.3516



97.0052, 0.3246, 0.3566



67.6338, 0.3152, 0.3521



15.0898, 0.3228, 0.3524



34.7577, 0.3755, 0.5400



2.2916, 0.3830, 0.5341

Inverse Universe

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



58.8130, 0.3024, 0.3059



79.6283, 0.3000, 0.3006



60.2654, 0.3099, 0.3064



12.7752, 0.3020, 0.3051



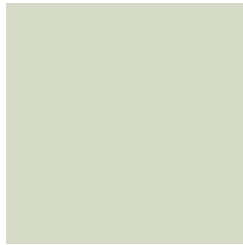
3.5629, 0.1651, 0.0683



0.2717, 0.1819, 0.0776

Previews

White Background



This preview shows how the Yxy color 69.0827, 0.3225, 0.3516 looks on a white background.

Color Contrast Check

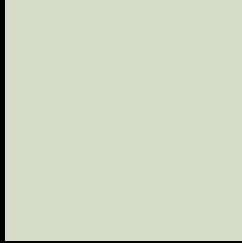
Large Text (above 18pt) WCAG AA × Fail

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 69.0827, 0.3225, 0.3516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

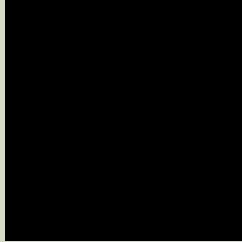
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

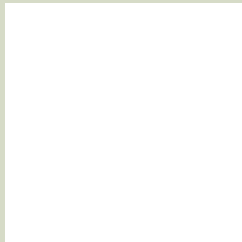
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.0827, 0.3225, 0.3516

Background



This preview shows how black text looks on a background with the Yxy color 69.0827, 0.3225, 0.3516.

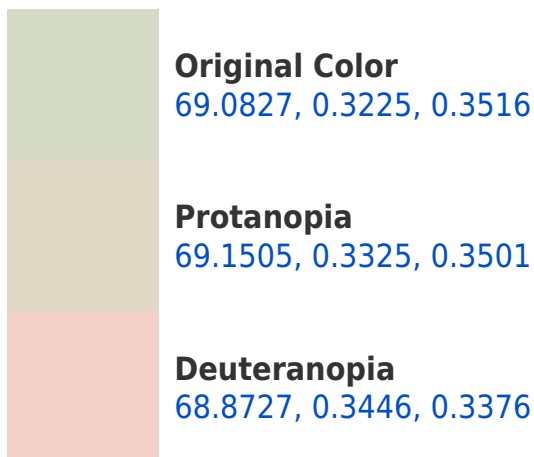


This preview shows how white text looks on a background with the Yxy color 69.0827, 0.3225, 0.3516.

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

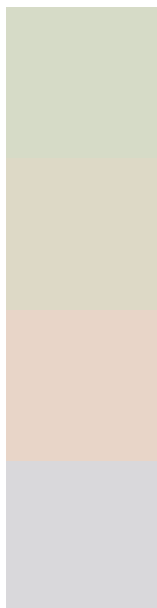




Tritanopia

68.9227, 0.3050, 0.3105

Trichromacy



Original Color

69.0827, 0.3225, 0.3516

Protanomaly

69.0751, 0.3287, 0.3502

Deuteranomaly

68.9144, 0.3361, 0.3432

Tritanomaly

68.9779, 0.3114, 0.3257

Monochromacy



Original Color

69.0827, 0.3225, 0.3516

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

68.1623, 0.3167, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.0827, 0.3225, 0.3516 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, 219, 199)` looks like.

```
.text, #text, p{  
    color:rgb(214, 219, 199)  
}
```

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, 219, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 219, 199) }
```

Border

The CSS property to change the border of an element to Yxy 69.0827, 0.3225, 0.3516 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, 219, 199) }
```

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

```
.border{ border-color:rgb(214, 219, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 219, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(214, 219, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(214, 219, 199); box-shadow:4px 4px 4px 4px rgb(214, 219, 199) }
```


Background

The CSS property to change the background color of an element to Yxy 69.0827, 0.3225, 0.3516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 219, 199) }
```

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

```
.background{ background-color: rgb(214,  
219, 199) }
```

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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