

Converting Colors

$Yxy(70.7027, 0.3214, 0.3445)$

Have a look what the booklet for
Yxy(70.7027, 0.3214, 0.3445)
contains.

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Color

Yxy(70.7027, 0.3214, 0.3445)

Conversions

Conversions Part 1

Format	Color
Hex	DBDCCE
RGB	219, 220, 206
RGB Percent	86%, 86%, 81%
CMY	0.1409, 0.1373, 0.1921
CMYK	0.00, 0.00, 0.06, 0.14
HSL	64°, 17%, 84%
HSV	64°, 6%, 86%
XYZ	65.9618, 70.7027, 68.5683
YIQ	218.1050, 3.8980, -4.5660

Conversions

Conversions Part 2

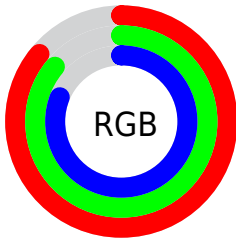
Format	Color
R _Y B	206, 220, 207
Decimal	14408910
CIE Lab	87.34, -2.75, 6.74
CIE LCh	87, 7.285, 112.217
Yxy	70.7027, 0.3214, 0.3445
Android (android.graphics.Color)	4292598990 (0xFFDBDCCE)
YUV	218.1050, -5.9678, 0.7849
Hunter-Lab	84.0849, -7.1212, 10.5105

Details

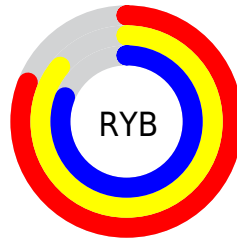
The Yxy color **70.7027, 0.3214, 0.3445** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.5698, 0.3037, 0.3131**, and the grayscale version is **70.2349, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.0698, 0.3232, 0.3479** is the 20% darker color. If you saturate the color by 10%, you get **69.4857, 0.3354, 0.3697**, and if you desaturate by 10%, it is **72.0775, 0.3078, 0.3203**.

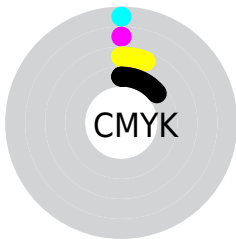
Distribution



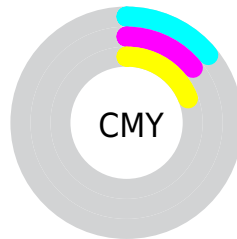
- Red (86%)
- Green (86%)
- Blue (81%)



- Red (81%)
- Yellow (86%)
- Blue (81%)



- Cyan (0%)
- Magenta (0%)
- Yellow (6%)
- Black (14%)



- Cyan (14%)
- Magenta (14%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.7027, 0.3214, 0.3445 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 70.7027, 0.3214, 0.3445 by changing the saturation by 10% instead.

■ 70.7027, 0.3214,
0.3445

■ 70.7027, 0.3214,
0.3445

463.0135, 0.3174,
0.3373

■ 52.0996, 0.3223,
0.3462

120.2103, 0.3200,
0.3420

■ 37.0845, 0.3235,
0.3483

151.8836, 0.3195,
0.3410

■ 25.2729, 0.3249,
0.3509

188.6825, 0.3190,
0.3401

■ 16.2805, 0.3268,
0.3544

230.9912, 0.3186,
0.3394

■ 9.7229, 0.3294,
0.3593

279.1943, 0.3182,
0.3388

■ 5.2156, 0.3331,
0.3665

333.6761, 0.3179,

■ 2.3743, 0.3390,

0.3382

0.3780

394.8211, 0.3176,
0.3377

0.8126, 0.3652,
0.4208

0.0000, 0.0000,
0.0000

70.7027, 0.3214,
0.3445

70.7027, 0.3214,
0.3445

69.4857, 0.3354,
0.3697

72.0775, 0.3078,
0.3203

68.4111, 0.3494,
0.3952

73.6066, 0.2949,
0.2975

67.4752, 0.3630,
0.4204

74.1544, 0.2929,
0.2927

66.6711, 0.3756,
0.4442

74.3869, 0.2938,
0.2928

65.9909, 0.3867,
0.4657

74.6213, 0.2948,
0.2929

65.4260, 0.3957,
0.4839

74.8577, 0.2958,
0.2930

64.9666, 0.4022,
0.4980

75.0961, 0.2967,
0.2931

64.6014, 0.4061,
0.5077

75.3365, 0.2977,
0.2932

64.3162, 0.4075,
0.5131

75.5789, 0.2987,
0.2933

Harmonies

Analogous

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



70.7027, 0.3278, 0.3426



70.7027, 0.3214, 0.3445



70.7027, 0.3127, 0.3421

Triad

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



70.7027, 0.3214, 0.3445



70.7027, 0.2956, 0.3205



70.7027, 0.3213, 0.3221

Complementary

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



70.7027, 0.3214, 0.3445



62.5698, 0.3037, 0.3131

Split Complementary

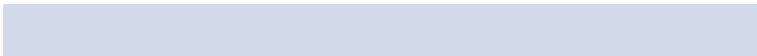
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.7027, 0.3125, 0.3164



70.7027, 0.3214, 0.3445



70.7027, 0.2978, 0.3154

Square

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



70.7027, 0.3214, 0.3445



70.7027, 0.2979, 0.3281



70.7027, 0.3040, 0.3139



70.7027, 0.3278, 0.3297

Rectangle

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



70.7027, 0.3214, 0.3445



70.7027, 0.3068, 0.3384



70.7027, 0.3040, 0.3139



70.7027, 0.3185, 0.3199

Sweetspot

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



70.7058, 0.3214, 0.3445



99.6120, 0.3154, 0.3339



64.1549, 0.3233, 0.3298



21.3251, 0.3153, 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.



70.7058, 0.3214, 0.3445



98.5004, 0.3238, 0.3488



69.6775, 0.3165, 0.3447



15.2178, 0.3257, 0.3522



37.7164, 0.4079, 0.5143



2.4569, 0.4099, 0.5128

Inverse Universe

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



62.5698, 0.3037, 0.3131



84.2318, 0.3012, 0.3086



63.5646, 0.3087, 0.3133



12.6581, 0.2991, 0.3049



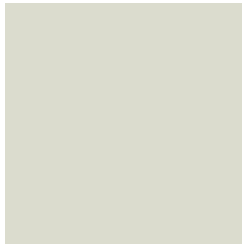
3.1069, 0.1522, 0.0612



0.2160, 0.1587, 0.0648

Previews

White Background



This preview shows how the Yxy color 70.7027, 0.3214, 0.3445 looks on a white background.

Color Contrast Check

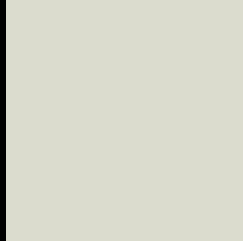
Large Text (above 18pt) WCAG AA × Fail

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 70.7027, 0.3214, 0.3445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

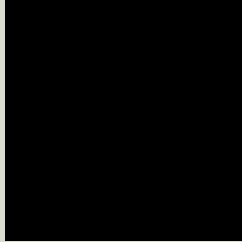
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

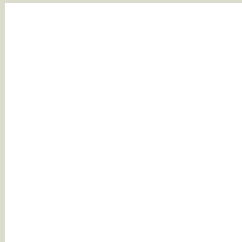
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.7027, 0.3214, 0.3445

Background



This preview shows how black text looks on a background with the Yxy color 70.7027, 0.3214, 0.3445.



This preview shows how white text looks on a background with the Yxy color 70.7027, 0.3214, 0.3445.

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

70.7027, 0.3214, 0.3445

Protanopia

70.7193, 0.3274, 0.3433

Deuteranopia

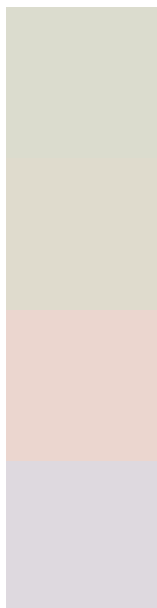
70.3757, 0.3398, 0.3322



Tritanopia

70.6829, 0.3064, 0.3108

Trichromacy



Original Color

70.7027, 0.3214, 0.3445

Protanomaly

70.7588, 0.3251, 0.3444

Deuteranomaly

70.2603, 0.3333, 0.3366

Tritanomaly

70.4830, 0.3123, 0.3225

Monochromacy



Original Color

70.7027, 0.3214, 0.3445

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.4235, 0.3153, 0.3345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.7027, 0.3214, 0.3445 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(219, 220, 206)` looks like.

```
.text, #text, p{  
    color:rgb(219, 220, 206)  
}
```

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(219, 220, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 220, 206) }
```

Border

The CSS property to change the border of an element to Yxy 70.7027, 0.3214, 0.3445 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(219, 220, 206) }
```

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

```
.border{ border-color:rgb(219, 220, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 220, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 220, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 220, 206);  
box-shadow:4px 4px 4px 4px rgb(219, 220,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 70.7027, 0.3214, 0.3445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 220, 206) }
```

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

```
.background{ background-color: rgb(219,  
220, 206) }
```

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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