

Converting Colors

Yxy(66.3671, 0.3222, 0.3459)

Have a look what the booklet for
Yxy(66.3671, 0.3222, 0.3459)
contains.

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Color

Yxy(66.3628, 0.3223, 0.3461)

Conversions

Conversions Part 1

Format	Color
Hex	D5D6C7
RGB	213, 214, 199
RGB Percent	84%, 84%, 78%
CMY	0.1646, 0.1608, 0.2196
CMYK	0.00, 0.00, 0.07, 0.16
HSL	64°, 15%, 81%
HSV	64°, 7%, 84%
XYZ	61.7993, 66.3628, 63.5825
YIQ	211.9910, 4.2190, -4.8770

Conversions

Conversions Part 2

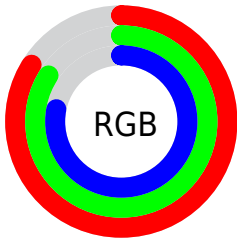
Format	Color
RYB	199, 214, 200
Decimal	14014151
CIELab	85.18, -2.96, 7.28
CIELCh	85, 7.861, 112.138
Yxy	66.3628, 0.3223, 0.3461
Android (android.graphics.Color)	4292204231 (0xFFD5D6C7)
YUV	211.9910, -6.4046, 0.8849
Hunter-Lab	81.4634, -7.1482, 10.7483

Details

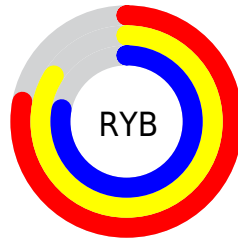
The Yxy color **66.3628, 0.3223, 0.3461** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.9774, 0.3028, 0.3114**, and the grayscale version is **65.8763, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.1097, 0.3244, 0.3501** is the 20% darker color. If you saturate the color by 10%, you get **65.2318, 0.3363, 0.3713**, and if you desaturate by 10%, it is **67.6411, 0.3087, 0.3219**.

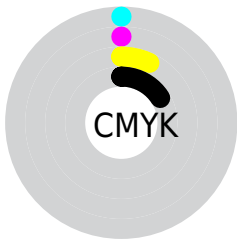
Distribution



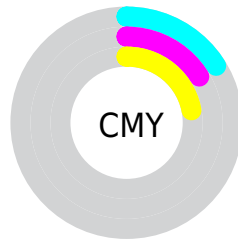
- Red (84%)
- Green (84%)
- Blue (78%)



- Red (78%)
- Yellow (84%)
- Blue (78%)



- Cyan (0%)
- Magenta (0%)
- Yellow (7%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.3628, 0.3223, 0.3461 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 66.3628, 0.3223, 0.3461 by changing the saturation by 10% instead.

■ 66.3628, 0.3223,
0.3461

■ 66.3628, 0.3223,
0.3461

447.6733, 0.3178,
0.3380

■ 48.5670, 0.3233,
0.3480

114.0069, 0.3207,
0.3433

■ 34.2761, 0.3246,
0.3504

144.6239, 0.3201,
0.3422

■ 23.1058, 0.3263,
0.3534

180.2835, 0.3196,
0.3412

■ 14.6716, 0.3285,
0.3575

221.3700, 0.3192,
0.3404

■ 8.5893, 0.3315,
0.3632

268.2679, 0.3188,
0.3397

■ 4.4743, 0.3359,
0.3716

321.3614, 0.3184,

■ 1.9422, 0.3429,

0.3391

0.3857

381.0351, 0.3181,
0.3385

■ 0.5736, 0.4070,
0.4936

■ 0.0000, 0.0000,
0.0000

■ 66.3628, 0.3223,
0.3461

■ 66.3628, 0.3223,
0.3461

■ 65.2318, 0.3363,
0.3713

■ 67.6411, 0.3087,
0.3219

■ 64.2338, 0.3503,
0.3968

■ 69.0636, 0.2958,
0.2990

■ 63.3653, 0.3638,
0.4218

■ 70.0991, 0.2886,
0.2858

■ 62.6198, 0.3763,
0.4455

■ 70.3150, 0.2895,
0.2859

61.9898, 0.3873,
0.4668

70.5327, 0.2904,
0.2860

61.4672, 0.3962,
0.4847

70.7523, 0.2914,
0.2861

61.0430, 0.4026,
0.4985

70.9737, 0.2923,
0.2863

60.7064, 0.4063,
0.5080

71.1969, 0.2933,
0.2864

60.4432, 0.4077,
0.5132

71.4220, 0.2942,
0.2865

Harmonies

Analogous

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



66.3628, 0.3294, 0.3440



66.3628, 0.3223, 0.3461



66.3628, 0.3127, 0.3435

Triad

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



66.3628, 0.3223, 0.3461



66.3628, 0.2938, 0.3196



66.3628, 0.3221, 0.3214

Complementary

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



66.3628, 0.3223, 0.3461



57.9774, 0.3028, 0.3114

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.



66.3628, 0.3125, 0.3151



66.3628, 0.3223, 0.3461



66.3628, 0.2962, 0.3140

Square

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



66.3628, 0.3223, 0.3461



66.3628, 0.2964, 0.3280



66.3628, 0.3030, 0.3124



66.3628, 0.3293, 0.3297

Rectangle

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



66.3628, 0.3223, 0.3461



66.3628, 0.3062, 0.3394



66.3628, 0.3030, 0.3124



66.3628, 0.3191, 0.3190

Sweetspot

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



66.3657, 0.3223, 0.3461



99.6126, 0.3155, 0.3339



59.6114, 0.3245, 0.3299



21.3253, 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.



66.3657, 0.3223, 0.3461



98.5026, 0.3238, 0.3488



65.3027, 0.3169, 0.3464



14.4767, 0.3256, 0.3521



36.5083, 0.4080, 0.5142



2.2148, 0.4101, 0.5126

Inverse Universe

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



57.9774, 0.3028, 0.3114



84.2297, 0.3012, 0.3086



59.0021, 0.3083, 0.3117



12.0471, 0.2991, 0.3050



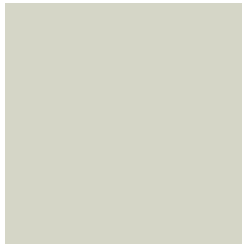
3.0070, 0.1522, 0.0612



0.1953, 0.1591, 0.0650

Previews

White Background



This preview shows how the Yxy color 66.3628, 0.3223, 0.3461 looks on a white background.

Color Contrast Check

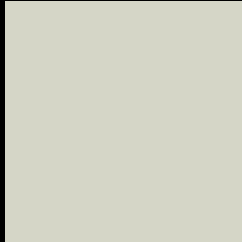
Large Text (above 18pt) WCAG AA × Fail

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 66.3628, 0.3223, 0.3461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

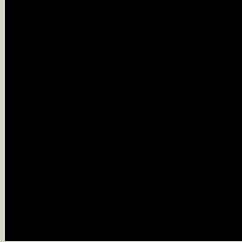
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

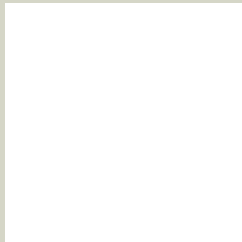
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.3628, 0.3223, 0.3461

Background



This preview shows how black text looks on a background with the Yxy color 66.3628, 0.3223, 0.3461.



This preview shows how white text looks on a background with the Yxy color 66.3628, 0.3223, 0.3461.

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

66.3628, 0.3223, 0.3461

Protanopia

66.3798, 0.3285, 0.3448

Deuteranopia

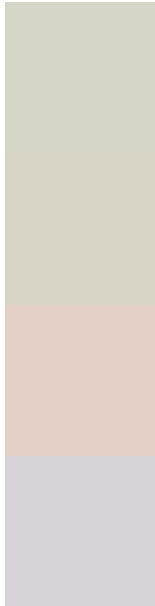
66.0568, 0.3414, 0.3334



Tritanopia

66.3359, 0.3069, 0.3114

Trichromacy



Original Color

66.3628, 0.3223, 0.3461

Protanomaly

66.4174, 0.3261, 0.3460

Deuteranomaly

65.9399, 0.3346, 0.3379

Tritanomaly

66.1453, 0.3130, 0.3234

Monochromacy



Original Color

66.3628, 0.3223, 0.3461

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.0905, 0.3161, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.3628, 0.3223, 0.3461 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(213, 214, 199)` looks like.

```
.text, #text, p{  
    color:rgb(213, 214, 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(213, 214, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 214, 199) }
```

Border

The CSS property to change the border of an element to Yxy 66.3628, 0.3223, 0.3461 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(213, 214, 199) }
```

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

```
.border{ border-color:rgb(213, 214, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 214, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 214, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 214, 199);  
box-shadow:4px 4px 4px 4px rgb(213, 214,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 66.3628, 0.3223, 0.3461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 214, 199) }
```

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

```
.background{ background-color: rgb(213,  
214, 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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