

Converting Colors

Yxy(65.2216, 0.3250, 0.3471)

Have a look what the booklet for
Yxy(65.2216, 0.3250, 0.3471)
contains.

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Color

Yxy(65.3686, 0.3254, 0.3473)

Conversions

Conversions Part 1

Format	Color
Hex	D6D4C4
RGB	214, 212, 196
RGB Percent	84%, 83%, 77%
CMY	0.1606, 0.1687, 0.2314
CMYK	0.00, 0.01, 0.08, 0.16
HSL	53°, 18%, 80%
HSV	53°, 8%, 84%
XYZ	61.2466, 65.3686, 61.6042
YIQ	210.7740, 6.3280, -4.5520

Conversions

Conversions Part 2

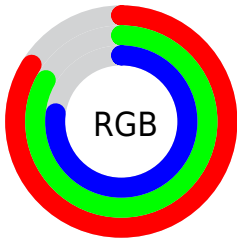
Format	Color
RYB	198, 214, 196
Decimal	14079172
CIELab	84.67, -2.07, 8.16
CIElCh	85, 8.416, 104.229
Yxy	65.3686, 0.3254, 0.3473
Android (android.graphics.Color)	4292269252 (0xFFD6D4C4)
YUV	210.7740, -7.2836, 2.8292
Hunter-Lab	80.8509, -6.2707, 11.4196

Details

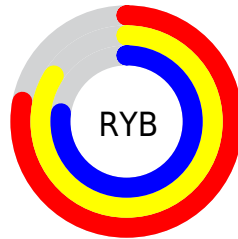
The Yxy color **65.3686, 0.3254, 0.3473** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.9953, 0.2997, 0.3100**, and the grayscale version is **65.0349, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8718, 0.3139, 0.3309**, and **33.4379, 0.3286, 0.3517** is the 20% darker color. If you saturate the color by 10%, you get **63.2597, 0.3412, 0.3697**, and if you desaturate by 10%, it is **67.6406, 0.3104, 0.3257**.

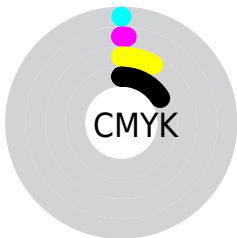
Distribution



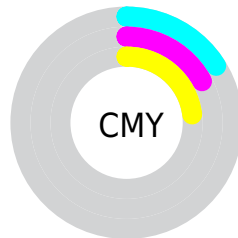
- Red (84%)
- Green (83%)
- Blue (77%)



- Red (78%)
- Yellow (84%)
- Blue (77%)



- Cyan (0%)
- Magenta (1%)
- Yellow (8%)
- Black (16%)



- Cyan (16%)
- Magenta (17%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.3686, 0.3254, 0.3473 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 65.3686, 0.3254, 0.3473 by changing the saturation by 10% instead.

■ 65.3686, 0.3254,
0.3473

■ 65.3686, 0.3254,
0.3473

444.1154, 0.3194,
0.3386

■ 47.7600, 0.3268,
0.3493

112.5796, 0.3233,
0.3442

■ 33.6369, 0.3285,
0.3519

142.9509, 0.3225,
0.3431

■ 22.6148, 0.3307,
0.3552

178.3451, 0.3218,
0.3421

■ 14.3093, 0.3337,
0.3595

219.1468, 0.3212,
0.3412

■ 8.3361, 0.3377,
0.3656

265.7402, 0.3207,
0.3404

■ 4.3108, 0.3437,
0.3747

318.5099, 0.3202,

■ 1.8489, 0.3534,

0.3398

377.8401, 0.3198,
0.3392

0.3898

0.5174, 0.4603,
0.5397

0.0000, 0.0000,
0.0000

65.3686, 0.3254,
0.3473

65.3686, 0.3254,
0.3473

63.2597, 0.3412,
0.3697

67.6406, 0.3104,
0.3257

61.2993, 0.3575,
0.3923

70.0726, 0.2965,
0.3052

59.4840, 0.3738,
0.4144

72.3335, 0.2867,
0.2913

57.8068, 0.3896,
0.4351

73.6127, 0.2868,
0.2939

■ 56.2604, 0.4043,
0.4534

■ 74.9105, 0.2869,
0.2965

■ 54.8363, 0.4171,
0.4684

■ 76.2270, 0.2870,
0.2991

■ 53.5252, 0.4275,
0.4792

■ 77.5622, 0.2871,
0.3017

■ 52.3159, 0.4352,
0.4856

■ 78.9163, 0.2873,
0.3043

■ 51.1919, 0.4403,
0.4878

■ 80.2892, 0.2874,
0.3069

Harmonies

Analogous

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



65.3686, 0.3319, 0.3438



65.3686, 0.3254, 0.3473



65.3686, 0.3155, 0.3458

Triad

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



65.3686, 0.3254, 0.3473



65.3686, 0.2926, 0.3211



65.3686, 0.3203, 0.3188

Complementary

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



65.3686, 0.3254, 0.3473



56.9953, 0.2997, 0.3100

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.



65.3686, 0.3096, 0.3129



65.3686, 0.3254, 0.3473



65.3686, 0.2938, 0.3141

Square

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



65.3686, 0.3254, 0.3473



65.3686, 0.2967, 0.3305



65.3686, 0.3000, 0.3112



65.3686, 0.3289, 0.3273

Rectangle

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



65.3686, 0.3254, 0.3473



65.3686, 0.3084, 0.3421



65.3686, 0.3000, 0.3112



65.3686, 0.3168, 0.3164

Sweetspot

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



65.3715, 0.3254, 0.3473



98.9642, 0.3172, 0.3355



57.8574, 0.3256, 0.3266



21.1240, 0.3184, 0.3372



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.



65.3715, 0.3254, 0.3473



96.6322, 0.3280, 0.3510



65.3830, 0.3200, 0.3499



14.2680, 0.3269, 0.3495



30.9215, 0.4406, 0.4883



1.9350, 0.4365, 0.4916

Inverse Universe

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



56.9953, 0.2997, 0.3100



81.8960, 0.2970, 0.3060



57.0141, 0.3050, 0.3079



12.2334, 0.2981, 0.3077



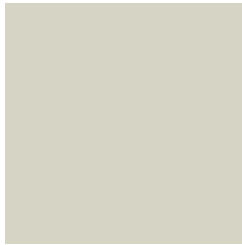
3.4137, 0.1524, 0.0687



0.2838, 0.1586, 0.0907

Previews

White Background



This preview shows how the Yxy color 65.3686, 0.3254, 0.3473 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 65.3686, 0.3254, 0.3473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

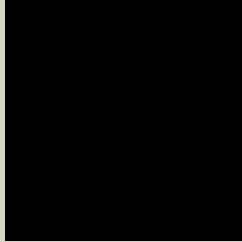
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

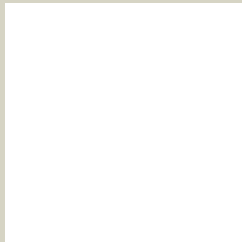
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.3686, 0.3254, 0.3473

Background



This preview shows how black text looks on a background with the Yxy color 65.3686, 0.3254, 0.3473.



This preview shows how white text looks on a background with the Yxy color 65.3686, 0.3254, 0.3473.

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

65.3686, 0.3254, 0.3473

Protanopia

65.5887, 0.3300, 0.3471

Deuteranopia

65.2675, 0.3430, 0.3356



Tritanopia

65.3990, 0.3091, 0.3114

Trichromacy



Original Color

65.3686, 0.3254, 0.3473

Protanomaly

65.2804, 0.3285, 0.3472

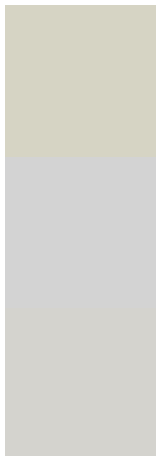
Deuteranomaly

65.3149, 0.3369, 0.3401

Tritanomaly

65.2077, 0.3152, 0.3234

Monochromacy



Original Color

65.3686, 0.3254, 0.3473

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.0418, 0.3169, 0.3347

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.3686, 0.3254, 0.3473 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, 212, 196)` looks like.

```
.text, #text, p{  
    color:rgb(214, 212, 196)  
}
```

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, 212, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 212, 196) }
```

Border

The CSS property to change the border of an element to Yxy 65.3686, 0.3254, 0.3473 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, 212, 196) }
```

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

```
.border{ border-color:rgb(214, 212, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 212, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 212, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 212, 196);  
box-shadow:4px 4px 4px 4px rgb(214, 212,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 65.3686, 0.3254, 0.3473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 212, 196) }
```

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

```
.background{ background-color: rgb(214,  
212, 196) }
```

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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