

Converting Colors

Yxy(60.7486, 0.3228, 0.3446)

Have a look what the booklet for
Yxy(60.7486, 0.3228, 0.3446)
contains.

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Color

Yxy(60.5902, 0.3228, 0.3443)

Conversions

Conversions Part 1

Format	Color
Hex	CECDC0
RGB	206, 205, 192
RGB Percent	81%, 80%, 75%
CMY	0.1921, 0.1961, 0.2470
CMYK	0.00, 0.01, 0.07, 0.19
HSL	56°, 13%, 78%
HSV	56°, 7%, 81%
XYZ	56.8066, 60.5902, 58.5840
YIQ	203.8170, 4.7690, -3.8310

Conversions

Conversions Part 2

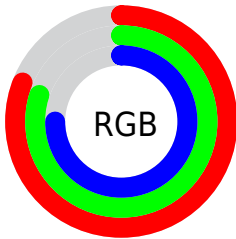
Format	Color
RYB	193, 206, 192
Decimal	13553088
CIELab	82.16, -1.93, 6.57
CIELCh	82, 6.846, 106.333
Yxy	60.5902, 0.3228, 0.3443
Android (android.graphics.Color)	4291743168 (0xFFCECDC0)
YUV	203.8170, -5.8258, 1.9145
Hunter-Lab	77.8397, -5.9520, 9.8647

Details

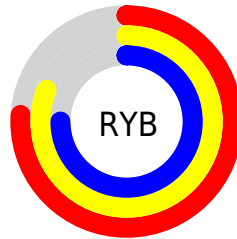
The Yxy color **60.5902, 0.3228, 0.3443** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.8320, 0.3024, 0.3132**, and the grayscale version is **60.3016, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **30.6727, 0.3252, 0.3478** is the 20% darker color. If you saturate the color by 10%, you get **59.0201, 0.3382, 0.3675**, and if you desaturate by 10%, it is **62.3004, 0.3081, 0.3220**.

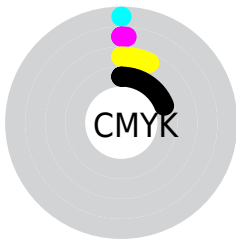
Distribution



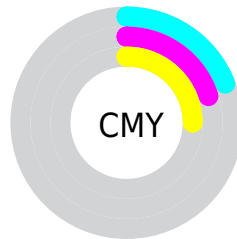
- Red (81%)
- Green (80%)
- Blue (75%)



- Red (76%)
- Yellow (81%)
- Blue (75%)



- Cyan (0%)
- Magenta (1%)
- Yellow (7%)
- Black (19%)



- Cyan (19%)
- Magenta (20%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.5902, 0.3228, 0.3443 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 60.5902, 0.3228, 0.3443 by changing the saturation by 10% instead.

■ 60.5902, 0.3228,
0.3443

■ 60.5902, 0.3228,
0.3443

426.7698, 0.3180,
0.3370

■ 43.8945, 0.3239,
0.3460

■ 105.6854, 0.3211,
0.3417

■ 30.5876, 0.3254,
0.3483

134.8536, 0.3205,
0.3407

■ 20.2850, 0.3272,
0.3511

168.9482, 0.3199,
0.3398

■ 12.6024, 0.3297,
0.3550

208.3535, 0.3194,
0.3391

■ 7.1553, 0.3331,
0.3604

253.4539, 0.3190,
0.3385

■ 3.5594, 0.3384,
0.3688

304.6339, 0.3186,

■ 1.4303, 0.3471,

0.3379

0.3832

362.2777, 0.3183,
0.3374

0.2389, 0.4298,
0.5702

0.0000, 0.0000,
0.0000

60.5902, 0.3228,
0.3443

60.5902, 0.3228,
0.3443

59.0201, 0.3382,
0.3675

62.3004, 0.3081,
0.3220

57.5770, 0.3540,
0.3909

64.1479, 0.2943,
0.3008

56.2579, 0.3698,
0.4139

66.1400, 0.2816,
0.2811

55.0565, 0.3849,
0.4355

66.9654, 0.2810,
0.2816

■ 53.9663, 0.3988,
0.4548

■ 67.7230, 0.2811,
0.2833

■ 52.9799, 0.4108,
0.4708

■ 68.4877, 0.2812,
0.2850

■ 52.0889, 0.4205,
0.4828

■ 69.2596, 0.2813,
0.2866

■ 51.2836, 0.4274,
0.4904

■ 70.0387, 0.2814,
0.2883

■ 50.5514, 0.4318,
0.4938

■ 70.8249, 0.2815,
0.2900

Harmonies

Analogous

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



60.5902, 0.3285, 0.3417



60.5902, 0.3228, 0.3443



60.5902, 0.3145, 0.3427

Triad

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



60.5902, 0.3228, 0.3443



60.5902, 0.2958, 0.3219



60.5902, 0.3196, 0.3209

Complementary

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



60.5902, 0.3228, 0.3443



53.8320, 0.3024, 0.3132

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.



60.5902, 0.3108, 0.3158



60.5902, 0.3228, 0.3443



60.5902, 0.2972, 0.3163

Square

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



60.5902, 0.3228, 0.3443



60.5902, 0.2990, 0.3297



60.5902, 0.3026, 0.3141



60.5902, 0.3266, 0.3281

Rectangle

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



60.5902, 0.3228, 0.3443



60.5902, 0.3086, 0.3395



60.5902, 0.3026, 0.3141



60.5902, 0.3167, 0.3189

Sweetspot

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



60.5928, 0.3228, 0.3443



99.4365, 0.3157, 0.3335



54.6948, 0.3233, 0.3276



21.2894, 0.3155, 0.3333



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.



60.5928, 0.3228, 0.3443



97.8005, 0.3248, 0.3473



60.2680, 0.3182, 0.3457



12.9498, 0.3267, 0.3503



31.0417, 0.4327, 0.4946



1.6446, 0.4298, 0.4969

Inverse Universe

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



53.8320, 0.3024, 0.3132



84.8638, 0.3003, 0.3100



54.1545, 0.3070, 0.3122



10.9744, 0.2982, 0.3068



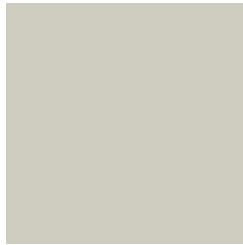
3.0119, 0.1515, 0.0652



0.2027, 0.1562, 0.0824

Previews

White Background



This preview shows how the Yxy color 60.5902, 0.3228, 0.3443 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 60.5902, 0.3228, 0.3443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

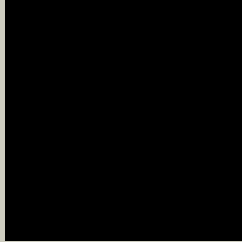
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

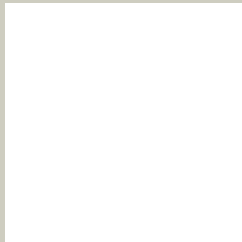
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.5902, 0.3228, 0.3443

Background



This preview shows how black text looks on a background with the Yxy color 60.5902, 0.3228, 0.3443.



This preview shows how white text looks on a background with the Yxy color 60.5902, 0.3228, 0.3443.

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

60.5902, 0.3228, 0.3443

Protanopia

60.3223, 0.3277, 0.3430

Deuteranopia

60.3215, 0.3400, 0.3324



Tritanopia

60.4847, 0.3082, 0.3108

Trichromacy



Original Color

60.5902, 0.3228, 0.3443

Protanomaly

60.5026, 0.3260, 0.3443

Deuteranomaly

60.3745, 0.3338, 0.3371

Tritanomaly

60.3504, 0.3138, 0.3221

Monochromacy



Original Color

60.5902, 0.3228, 0.3443

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.3350, 0.3163, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5902, 0.3228, 0.3443 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(206, 205, 192)` looks like.

```
.text, #text, p{  
    color:rgb(206, 205, 192)  
}
```

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(206, 205, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 205, 192) }
```

Border

The CSS property to change the border of an element to Yxy 60.5902, 0.3228, 0.3443 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(206, 205, 192) }
```

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

```
.border{ border-color:rgb(206, 205, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 205, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 205, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 205, 192);  
box-shadow:4px 4px 4px 4px rgb(206, 205,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5902, 0.3228, 0.3443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 205, 192) }
```

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

```
.background{ background-color: rgb(206,  
205, 192) }
```

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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