

Converting Colors

$Yxy(58.9577, 0.3228, 0.3456)$

Have a look what the booklet for
Yxy(58.9577, 0.3228, 0.3456)
contains.

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Color

Yxy(59.0825, 0.3228, 0.3457)

Conversions

Conversions Part 1

Format	Color
Hex	CBCBBD
RGB	203, 203, 189
RGB Percent	80%, 80%, 74%
CMY	0.2040, 0.2039, 0.2587
CMYK	0.00, 0.00, 0.07, 0.20
HSL	60°, 12%, 77%
HSV	60°, 7%, 80%
XYZ	55.1687, 59.0825, 56.6556
YIQ	201.4040, 4.4940, -4.3540

Conversions

Conversions Part 2

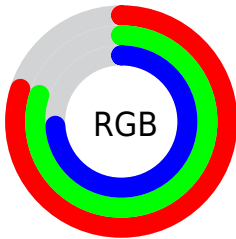
Format	Color
R _{YB}	189, 203, 189
Decimal	13355965
CIE Lab	81.34, -2.47, 6.96
CIE LCh	81, 7.385, 109.569
Yxy	59.0825, 0.3228, 0.3457
Android (android.graphics.Color)	4291546045 (0xFFCBCBBD)
YUV	201.4040, -6.1152, 1.3997
Hunter-Lab	76.8651, -6.3985, 10.1042

Details

The Yxy color **59.0825, 0.3228, 0.3457** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.5449, 0.3023, 0.3117**, and the grayscale version is **58.7100, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3726, 0.3185, 0.3386**, and **29.6620, 0.3253, 0.3497** is the 20% darker color. If you saturate the color by 10%, you get **58.2593, 0.3378, 0.3706**, and if you desaturate by 10%, it is **60.0343, 0.3083, 0.3216**.

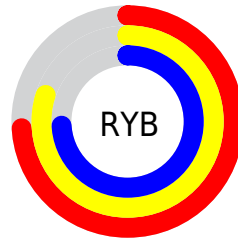
Distribution



Red (80%)

Green (80%)

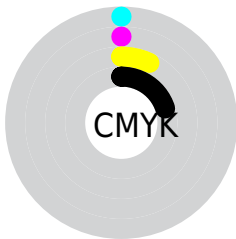
Blue (74%)



Red (74%)

Yellow (80%)

Blue (74%)

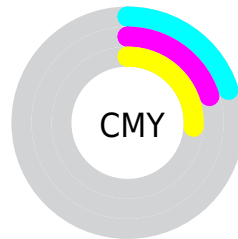


Cyan (0%)

Magenta (0%)

Yellow (7%)

Black (20%)



Cyan (20%)

Magenta (20%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.0825, 0.3228, 0.3457 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 59.0825, 0.3228, 0.3457 by changing the saturation by 10% instead.

■ 59.0825, 0.3228,
0.3457

■ 59.0825, 0.3228,
0.3457

421.2076, 0.3180,
0.3376

■ 42.6795, 0.3239,
0.3476

■ 103.4976, 0.3211,
0.3428

■ 29.6338, 0.3254,
0.3501

132.2784, 0.3204,
0.3417

■ 19.5608, 0.3272,
0.3532

165.9541, 0.3199,
0.3408

■ 12.0762, 0.3297,
0.3575

204.9089, 0.3194,
0.3400

■ 6.7956, 0.3332,
0.3637

249.5273, 0.3190,
0.3393

■ 3.3346, 0.3386,
0.3732

300.1936, 0.3186,

■ 1.3088, 0.3478,

0.3387

0.3900

357.2922, 0.3183,
0.3381

0.1480, 0.3517,
0.6483

0.0000, 0.0000,
0.0000

59.0825, 0.3228,
0.3457

59.0825, 0.3228,
0.3457

58.2593, 0.3378,
0.3706

60.0343, 0.3083,
0.3216

57.5518, 0.3529,
0.3956

61.1117, 0.2945,
0.2988

56.9572, 0.3676,
0.4199

62.3218, 0.2816,
0.2774

56.4696, 0.3812,
0.4426

62.6489, 0.2785,
0.2723

■ 56.0825, 0.3934,
0.4627

■ 62.6537, 0.2785,
0.2723

■ 55.7890, 0.4034,
0.4794

■ 62.6584, 0.2786,
0.2723

■ 55.5809, 0.4110,
0.4920

■ 62.6632, 0.2786,
0.2723

■ 55.4489, 0.4159,
0.5003

■ 62.6680, 0.2786,
0.2724

■ 55.3806, 0.4185,
0.5045

■ 62.6728, 0.2786,
0.2724

Harmonies

Analogous

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



59.0825, 0.3294, 0.3433



59.0825, 0.3228, 0.3457



59.0825, 0.3136, 0.3435

Triad

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



59.0825, 0.3228, 0.3457



59.0825, 0.2943, 0.3205



59.0825, 0.3212, 0.3209

Complementary

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



59.0825, 0.3228, 0.3457



51.5449, 0.3023, 0.3117

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.



59.0825, 0.3117, 0.3151



59.0825, 0.3228, 0.3457



59.0825, 0.2962, 0.3147

Square

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



59.0825, 0.3228, 0.3457



59.0825, 0.2972, 0.3288



59.0825, 0.3026, 0.3128



59.0825, 0.3285, 0.3290

Rectangle

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



59.0825, 0.3228, 0.3457



59.0825, 0.3072, 0.3397



59.0825, 0.3026, 0.3128



59.0825, 0.3181, 0.3187

Sweetspot

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



59.0851, 0.3228, 0.3457



99.6742, 0.3157, 0.3339



52.7802, 0.3243, 0.3290



21.3378, 0.3155, 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.



59.0851, 0.3228, 0.3457



98.7486, 0.3246, 0.3487



58.1289, 0.3173, 0.3460



13.0957, 0.3265, 0.3519



35.2317, 0.4190, 0.5055



1.8179, 0.4191, 0.5054

Inverse Universe

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



51.5449, 0.3023, 0.3117



84.0078, 0.3003, 0.3085



52.4576, 0.3078, 0.3120



10.8449, 0.2982, 0.3050



2.7458, 0.1501, 0.0600



0.1420, 0.1503, 0.0602

Previews

White Background



This preview shows how the Yxy color 59.0825, 0.3228, 0.3457 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 59.0825, 0.3228, 0.3457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

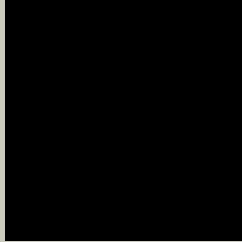
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

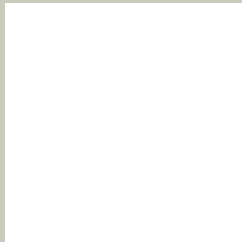
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.0825, 0.3228, 0.3457

Background



This preview shows how black text looks on a background with the Yxy color 59.0825, 0.3228, 0.3457.



This preview shows how white text looks on a background with the Yxy color 59.0825, 0.3228, 0.3457.

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

59.0825, 0.3228, 0.3457

Protanopia

58.9594, 0.3286, 0.3444

Deuteranopia

58.9606, 0.3411, 0.3336



Tritanopia

59.0185, 0.3074, 0.3106

Trichromacy



Original Color

59.0825, 0.3228, 0.3457

Protanomaly

59.1373, 0.3269, 0.3456

Deuteranomaly

59.0113, 0.3348, 0.3383

Tritanomaly

58.8866, 0.3130, 0.3220

Monochromacy



Original Color

59.0825, 0.3228, 0.3457

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.8288, 0.3163, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.0825, 0.3228, 0.3457 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(203, 203, 189)` looks like.

```
.text, #text, p{  
    color:rgb(203, 203, 189)  
}
```

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(203, 203, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 203, 189) }
```

Border

The CSS property to change the border of an element to Yxy 59.0825, 0.3228, 0.3457 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(203, 203, 189) }
```

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

```
.border{ border-color:rgb(203, 203, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 203, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 203, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 203, 189);  
box-shadow:4px 4px 4px 4px rgb(203, 203,  
189) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 59.0825, 0.3228, 0.3457$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 203, 189) }
```

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

```
.background{ background-color: rgb(203,  
203, 189) }
```

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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