

Converting Colors

Yxy(60.2437, 0.3317, 0.3399)

Have a look what the booklet for
Yxy(60.2437, 0.3317, 0.3399)
contains.

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Color

Yxy(60.1780, 0.3312, 0.3394)

Conversions

Conversions Part 1

Format	Color
Hex	D8C9C0
RGB	216, 201, 192
RGB Percent	85%, 79%, 75%
CMY	0.1529, 0.2118, 0.2469
CMYK	0.00, 0.07, 0.11, 0.15
HSL	22°, 24%, 80%
HSV	22°, 11%, 85%
XYZ	58.7241, 60.1780, 58.4049
YIQ	204.4590, 11.8290, 0.3810

Conversions

Conversions Part 2

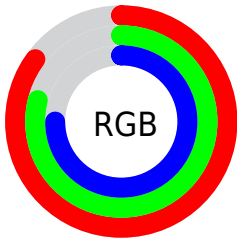
Format	Color
R _Y B	216, 206, 192
Decimal	14207424
CIE Lab	81.93, 3.72, 6.35
CIE LCh	82, 7.362, 59.621
Yxy	60.1780, 0.3312, 0.3394
Android (android.graphics.Color)	4292397504 (0xFFD8C9C0)
YUV	204.4590, -6.1423, 10.1215
Hunter-Lab	77.5745, -0.6304, 9.6634

Details

The Yxy color **60.1780, 0.3312, 0.3394** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.8119, 0.2956, 0.3184**, and the grayscale version is **60.7262, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **30.3086, 0.3355, 0.3413** is the 20% darker color. If you saturate the color by 10%, you get **53.2638, 0.3509, 0.3494**, and if you desaturate by 10%, it is **67.7928, 0.3144, 0.3300**.

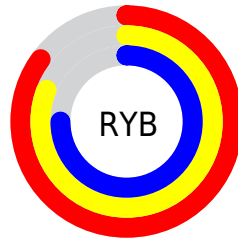
Distribution



Red (85%)

Green (79%)

Blue (75%)



Red (85%)

Yellow (81%)

Blue (75%)

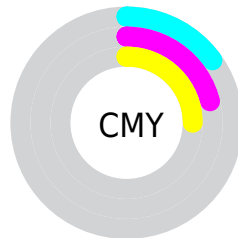


Cyan (0%)

Magenta (7%)

Yellow (11%)

Black (15%)



Cyan (15%)


Magenta (21%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.1780, 0.3312, 0.3394 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 60.1780, 0.3312, 0.3394 by changing the saturation by 10% instead.


 60.1780, 0.3312,
0.3394

 60.1780, 0.3312,
0.3394


425.2536, 0.3223,
0.3345

 43.5621, 0.3333,
0.3406

 105.0878, 0.3280,
0.3377

 30.3264, 0.3360,
0.3420


134.1506, 0.3268,
0.3370

 20.0865, 0.3394,
0.3438


168.1311, 0.3258,
0.3364

 12.4579, 0.3441,
0.3463

207.4137, 0.3249,
0.3359

 7.0563, 0.3507,
0.3497

252.3829, 0.3242,
0.3355

 3.4974, 0.3608,
0.3548

303.4230, 0.3235,

 1.3966, 0.3782,

0.3351

0.3631

360.9184, 0.3229,
0.3348

0.2142, 0.5789,
0.4211

0.0000, 0.0000,
0.0000

60.1780, 0.3312,
0.3394

60.1780, 0.3312,
0.3394

53.2638, 0.3509,
0.3494

67.7928, 0.3144,
0.3300

47.0220, 0.3737,
0.3596

76.1197, 0.3001,
0.3213

41.4339, 0.4000,
0.3698

85.0615, 0.2889,
0.3151

36.4768, 0.4296,
0.3792

93.3403, 0.2894,
0.3289

■ 32.1268, 0.4619,
0.3868

■ 28.3581, 0.4955,
0.3913

■ 25.1428, 0.5282,
0.3916

■ 22.4499, 0.5572,
0.3868

■ 20.4581, 0.5786,
0.3788

Harmonies

Analogous

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



60.1780, 0.3299, 0.3318



60.1780, 0.3312, 0.3394



60.1780, 0.3275, 0.3444

Triad

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



60.1780, 0.3312, 0.3394



60.1780, 0.3016, 0.3345



60.1780, 0.3055, 0.3132

Complementary

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



60.1780, 0.3312, 0.3394



60.8119, 0.2956, 0.3184

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.



60.1780, 0.2981, 0.3137



60.1780, 0.3312, 0.3394



60.1780, 0.2959, 0.3259

Square

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



60.1780, 0.3312, 0.3394



60.1780, 0.3103, 0.3417



60.1780, 0.2946, 0.3183



60.1780, 0.3149, 0.3168

Rectangle

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



60.1780, 0.3312, 0.3394



60.1780, 0.3227, 0.3455



60.1780, 0.2946, 0.3183



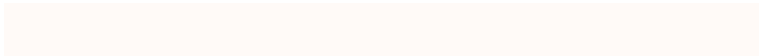
60.1780, 0.3027, 0.3129

Sweetspot

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



60.1807, 0.3312, 0.3394



96.5002, 0.3174, 0.3318



56.8274, 0.3206, 0.3116



20.4582, 0.3187, 0.3325



0.0000, 0.0000, 0.0000



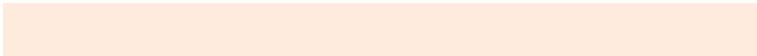
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.1807, 0.3312, 0.3394



85.5155, 0.3349, 0.3414



65.9010, 0.3296, 0.3527



13.1744, 0.3282, 0.3378



12.2991, 0.5759, 0.3810



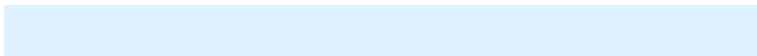
0.8983, 0.5433, 0.4068

Inverse Universe

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



60.8119, 0.2956, 0.3184



86.5863, 0.2925, 0.3163



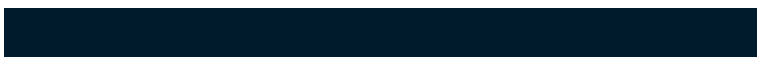
55.2997, 0.2954, 0.3041



13.2906, 0.2982, 0.3201



13.4350, 0.1895, 0.2023



0.9669, 0.1963, 0.2266

Previews

White Background



This preview shows how the Yxy color 60.1780, 0.3312, 0.3394 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 60.1780, 0.3312, 0.3394 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 60.1780, 0.3312, 0.3394

Background



This preview shows how black text looks on a background with the Yxy color 60.1780, 0.3312, 0.3394.



This preview shows how white text looks on a background with the Yxy color 60.1780, 0.3312, 0.3394.

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

60.1780, 0.3312, 0.3394

Protanopia

60.2638, 0.3254, 0.3407

Deuteranopia

60.1137, 0.3400, 0.3336



Tritanopia

60.2523, 0.3182, 0.3122

Trichromacy



Original Color

60.1780, 0.3312, 0.3394

Protanomaly

60.0884, 0.3271, 0.3395

Deuteranomaly

59.9264, 0.3366, 0.3347

Tritanomaly

60.1601, 0.3233, 0.3222

Monochromacy



Original Color

60.1780, 0.3312, 0.3394

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.2919, 0.3187, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1780, 0.3312, 0.3394 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(216, 201, 192)` looks like.

```
.text, #text, p{  
    color:rgb(216, 201, 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(216, 201, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 201, 192) }
```

Border

The CSS property to change the border of an element to Yxy 60.1780, 0.3312, 0.3394 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(216, 201, 192) }
```

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

```
.border{ border-color:rgb(216, 201, 192) }
```

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

Here you see how a box with a 4 pixel rgb(216, 201, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 201, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 201, 192);  
box-shadow:4px 4px 4px 4px rgb(216, 201,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 60.1780, 0.3312, 0.3394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 201, 192) }
```

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

```
.background{ background-color: rgb(216,  
201, 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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