

Converting Colors

Yxy(60.7710, 0.3284, 0.3509)

Have a look what the booklet for
Yxy(60.7710, 0.3284, 0.3509)
contains.

Yxy(60.6604, 0.3280, 0.3502)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.6604, 0.3280, 0.3502)

Conversions

Conversions Part 1

Format	Color
Hex	D0CDBB
RGB	208, 205, 187
RGB Percent	82%, 80%, 73%
CMY	0.1843, 0.1961, 0.2666
CMYK	0.00, 0.01, 0.10, 0.18
HSL	51°, 18%, 77%
HSV	51°, 10%, 82%
XYZ	56.8150, 60.6604, 55.7411
YIQ	203.8450, 7.5660, -4.9620

Conversions

Conversions Part 2

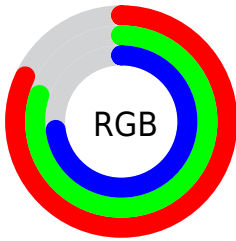
Format	Color
RYB	191, 208, 187
Decimal	13684155
CIELab	82.20, -2.07, 9.31
CIElCh	82, 9.537, 102.522
Yxy	60.6604, 0.3280, 0.3502
Android (android.graphics.Color)	4291874235 (0xFFD0CDBB)
YUV	203.8450, -8.3046, 3.6439
Hunter-Lab	77.8848, -6.0871, 12.0863

Details

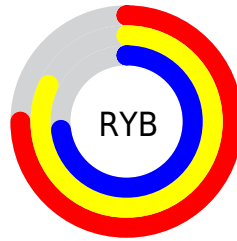
The Yxy color **60.6604, 0.3280, 0.3502** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.9577, 0.2971, 0.3069**, and the grayscale version is **60.3326, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2511, 0.3197, 0.3405**, and **30.7245, 0.3322, 0.3556** is the 20% darker color. If you saturate the color by 10%, you get **58.4278, 0.3440, 0.3719**, and if you desaturate by 10%, it is **63.0543, 0.3128, 0.3292**.

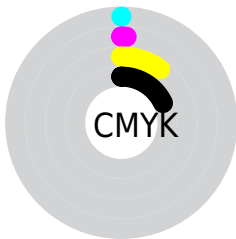
Distribution



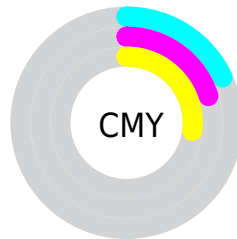
- Red (82%)
- Green (80%)
- Blue (73%)



- Red (75%)
- Yellow (82%)
- Blue (73%)



- Cyan (0%)
- Magenta (1%)
- Yellow (10%)
- Black (18%)



- Cyan (18%)
- Magenta (20%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.6604, 0.3280, 0.3502 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 60.6604, 0.3280, 0.3502 by changing the saturation by 10% instead.

■ 60.6604, 0.3280,
0.3502

■ 60.6604, 0.3280,
0.3502

427.0277, 0.3207,
0.3400

■ 43.9512, 0.3297,
0.3526

■ 105.7871, 0.3254,
0.3466

■ 30.6321, 0.3319,
0.3557

134.9733, 0.3244,
0.3452

■ 20.3189, 0.3346,
0.3596

169.0873, 0.3236,
0.3440

■ 12.6270, 0.3384,
0.3649

208.5134, 0.3229,
0.3430

■ 7.1722, 0.3436,
0.3725

253.6362, 0.3222,
0.3421

■ 3.5700, 0.3514,
0.3840

304.8399, 0.3217,

■ 1.4361, 0.3650,

0.3413

0.4043

362.5089, 0.3212,
0.3406

0.2431, 0.4262,
0.5738

0.0000, 0.0000,
0.0000

60.6604, 0.3280,
0.3502

60.6604, 0.3280,
0.3502

58.4278, 0.3440,
0.3719

63.0543, 0.3128,
0.3292

56.3429, 0.3607,
0.3939

65.6070, 0.2987,
0.3092

54.4023, 0.3774,
0.4152

68.3260, 0.2858,
0.2906

52.5994, 0.3937,
0.4351

70.1965, 0.2827,
0.2882

■ 50.9271, 0.4089,
0.4525

■ 71.7407, 0.2828,
0.2915

■ 49.3774, 0.4223,
0.4665

■ 73.3125, 0.2830,
0.2947

■ 47.9412, 0.4333,
0.4764

■ 74.9122, 0.2832,
0.2979

■ 46.6078, 0.4415,
0.4817

■ 76.5398, 0.2834,
0.3012

■ 45.3677, 0.4472,
0.4831

■ 78.1956, 0.2836,
0.3044

Harmonies

Analogous

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



60.6604, 0.3353, 0.3457



60.6604, 0.3280, 0.3502



60.6604, 0.3167, 0.3489

Triad

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



60.6604, 0.3280, 0.3502



60.6604, 0.2895, 0.3203



60.6604, 0.3208, 0.3166

Complementary

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



60.6604, 0.3280, 0.3502



51.9577, 0.2971, 0.3069

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.



60.6604, 0.3084, 0.3101



60.6604, 0.3280, 0.3502



60.6604, 0.2906, 0.3120

Square

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



60.6604, 0.3280, 0.3502



60.6604, 0.2946, 0.3313



60.6604, 0.2974, 0.3084



60.6604, 0.3311, 0.3264

Rectangle

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



60.6604, 0.3280, 0.3502



60.6604, 0.3084, 0.3447



60.6604, 0.2974, 0.3084



60.6604, 0.3167, 0.3140

Sweetspot

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



60.6631, 0.3280, 0.3502



98.8219, 0.3172, 0.3353



52.6862, 0.3278, 0.3253



21.0854, 0.3184, 0.3370



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.



60.6631, 0.3280, 0.3502



95.4269, 0.3312, 0.3546



61.0704, 0.3219, 0.3541



13.4978, 0.3269, 0.3488



28.3846, 0.4467, 0.4835



1.6678, 0.4409, 0.4881

Inverse Universe

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



51.9577, 0.2971, 0.3069



79.0428, 0.2937, 0.3020



51.6231, 0.3029, 0.3036



11.6862, 0.2982, 0.3084



3.4931, 0.1534, 0.0722



0.2852, 0.1611, 0.0999

Previews

White Background



This preview shows how the Yxy color 60.6604, 0.3280, 0.3502 looks on a white background.

Color Contrast Check

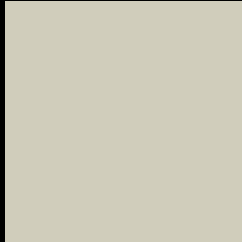
Large Text (above 18pt) WCAG AA × Fail

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 60.6604, 0.3280, 0.3502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

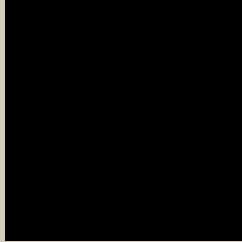
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

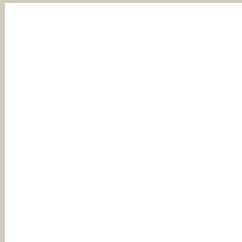
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.6604, 0.3280, 0.3502

Background



This preview shows how black text looks on a background with the Yxy color 60.6604, 0.3280, 0.3502.



This preview shows how white text looks on a background with the Yxy color 60.6604, 0.3280, 0.3502.

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

60.6604, 0.3280, 0.3502

Protanopia

60.7280, 0.3321, 0.3501

Deuteranopia

60.4296, 0.3456, 0.3380



Tritanopia

60.7282, 0.3104, 0.3120

Trichromacy



Original Color

60.6604, 0.3280, 0.3502

Protanomaly

60.5798, 0.3313, 0.3501

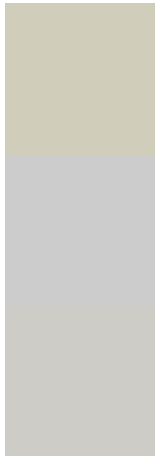
Deuteranomaly

60.4690, 0.3393, 0.3428

Tritanomaly

60.4977, 0.3175, 0.3256

Monochromacy



Original Color

60.6604, 0.3280, 0.3502

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.2421, 0.3178, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.6604, 0.3280, 0.3502 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(208, 205, 187)` looks like.

```
.text, #text, p{  
    color:rgb(208, 205, 187)  
}
```

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(208, 205, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 205, 187) }
```

Border

The CSS property to change the border of an element to Yxy 60.6604, 0.3280, 0.3502 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(208, 205, 187) }
```

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

```
.border{ border-color:rgb(208, 205, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 205, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 205, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 205, 187);  
box-shadow:4px 4px 4px 4px rgb(208, 205,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 60.6604, 0.3280, 0.3502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 205, 187) }
```

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

```
.background{ background-color: rgb(208,  
205, 187) }
```

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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