

Converting Colors

Yxy(52.5215, 0.3496, 0.3523)

Have a look what the booklet for
Yxy(52.5215, 0.3496, 0.3523)
contains.

Yxy(52.3648, 0.3495, 0.3520)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(52.3648, 0.3495, 0.3520)

Conversions

Conversions Part 1

Format	Color
Hex	D4BBA8
RGB	212, 187, 168
RGB Percent	83%, 73%, 66%
CMY	0.1685, 0.2667, 0.3412
CMYK	0.00, 0.12, 0.21, 0.17
HSL	26°, 34%, 75%
HSV	26°, 21%, 83%
XYZ	51.9929, 52.3648, 44.4059
YIQ	192.3090, 20.9990, -0.6090

Conversions

Conversions Part 2

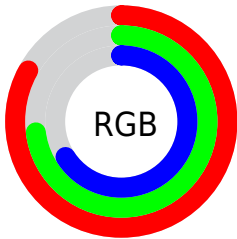
Format	Color
R _Y B	212, 201, 168
Decimal	13941672
CIE Lab	77.50, 5.91, 12.89
CIE LCh	77, 14.178, 65.366
Yxy	52.3648, 0.3495, 0.3520
Android (android.graphics.Color)	4292131752 (0xFFD4BBA8)
YUV	192.3090, -11.9843, 17.2690
Hunter-Lab	72.3635, 1.6153, 14.2711

Details

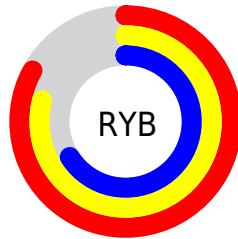
The Yxy color **52.3648, 0.3495, 0.3520** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.2219, 0.2803, 0.3048**, and the grayscale version is **52.9664, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6889, 0.3330, 0.3487**, and **25.4792, 0.3595, 0.3581** is the 20% darker color. If you saturate the color by 10%, you get **46.7410, 0.3714, 0.3638**, and if you desaturate by 10%, it is **58.5511, 0.3304, 0.3406**.

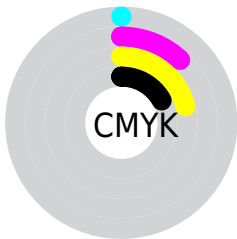
Distribution



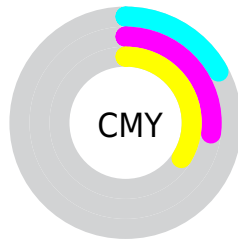
- Red (83%)
- Green (73%)
- Blue (66%)



- Red (83%)
- Yellow (79%)
- Blue (66%)



- Cyan (0%)
- Magenta (12%)
- Yellow (21%)
- Black (17%)





- Cyan (17%)
- Magenta (27%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.3648, 0.3495, 0.3520 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 52.3648, 0.3495, 0.3520 by changing the saturation by 10% instead.


 52.3648, 0.3495,
0.3520

 52.3648, 0.3495,
0.3520


395.8433, 0.3314,
0.3409

 37.2959, 0.3539,
0.3546


 93.6690, 0.3430,
0.3481

 25.4367, 0.3596,
0.3579


 120.6732, 0.3405,
0.3466

 16.4027, 0.3670,
0.3622


152.4245, 0.3384,
0.3453

 9.8096, 0.3772,
0.3678

189.3075, 0.3366,
0.3442

 5.2729, 0.3919,
0.3757

231.7065, 0.3350,
0.3432

 2.4082, 0.4151,
0.3872

280.0058, 0.3337,

 0.8301, 0.5293,

0.3424

0.4691

334.5900, 0.3325,
0.3416

0.0000, 0.0000,
0.0000

52.3648, 0.3495,
0.3520

52.3648, 0.3495,
0.3520

46.7410, 0.3714,
0.3638

58.5511, 0.3304,
0.3406

41.6559, 0.3964,
0.3754

65.3086, 0.3139,
0.3298

37.0941, 0.4240,
0.3863

72.6551, 0.2997,
0.3198

33.0370, 0.4539,
0.3953

80.6050, 0.2874,
0.3105

29.4644, 0.4847,
0.4013

87.8879, 0.2868,
0.3209

■ 26.3545, 0.5146,
0.4030

■ 92.7402, 0.2872,
0.3289

■ 23.6829, 0.5412,
0.3994

■ 21.5753, 0.5621,
0.3919

Harmonies

Analogous

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



52.3648, 0.3489, 0.3372



52.3648, 0.3495, 0.3520



52.3648, 0.3400, 0.3612

Triad

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



52.3648, 0.3495, 0.3520



52.3648, 0.2876, 0.3367



52.3648, 0.3014, 0.2985

Complementary

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



52.3648, 0.3495, 0.3520



51.2219, 0.2803, 0.3048

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.



52.3648, 0.2856, 0.2976



52.3648, 0.3495, 0.3520



52.3648, 0.2779, 0.3190

Square

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



52.3648, 0.3495, 0.3520



52.3648, 0.3041, 0.3527



52.3648, 0.2772, 0.3048



52.3648, 0.3207, 0.3070

Rectangle

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



52.3648, 0.3495, 0.3520



52.3648, 0.3293, 0.3627



52.3648, 0.2772, 0.3048



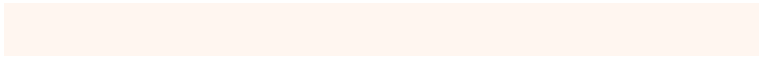
52.3648, 0.2955, 0.2973

Sweetspot

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



52.3672, 0.3495, 0.3520



93.6312, 0.3223, 0.3354



45.8811, 0.3308, 0.2984



19.8968, 0.3234, 0.3361



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.



52.3672, 0.3495, 0.3520



75.5781, 0.3590, 0.3573



62.1102, 0.3446, 0.3764



13.2938, 0.3280, 0.3391



13.5074, 0.5597, 0.3938



0.9774, 0.5296, 0.4177

Inverse Universe

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



51.2219, 0.2803, 0.3048



73.5274, 0.2732, 0.2989



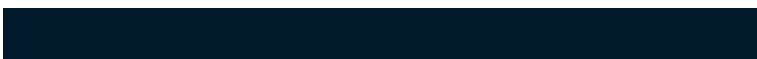
42.4525, 0.2785, 0.2767



13.1682, 0.2982, 0.3187



11.4995, 0.1839, 0.1820



0.8567, 0.1916, 0.2098

Previews

White Background



This preview shows how the Yxy color 52.3648, 0.3495, 0.3520 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 52.3648, 0.3495, 0.3520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

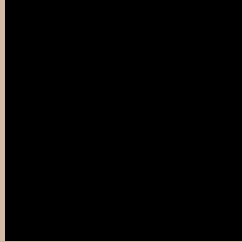
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.3648, 0.3495, 0.3520

Background



This preview shows how black text looks on a background with the Yxy color 52.3648, 0.3495, 0.3520.



This preview shows how white text looks on a background with the Yxy color 52.3648, 0.3495, 0.3520.

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

52.3648, 0.3495, 0.3520

Protanopia

52.4432, 0.3366, 0.3551

Deuteranopia

52.4305, 0.3553, 0.3493



Tritanopia

52.4971, 0.3296, 0.3127

Trichromacy



Original Color

52.3648, 0.3495, 0.3520

Protanomaly

52.5289, 0.3410, 0.3549

Deuteranomaly

52.5439, 0.3532, 0.3506

Tritanomaly

52.2732, 0.3377, 0.3267

Monochromacy



Original Color

52.3648, 0.3495, 0.3520

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.3879, 0.3256, 0.3377

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.3648, 0.3495, 0.3520 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(212, 187, 168)` looks like.

```
.text, #text, p{  
    color:rgb(212, 187, 168)  
}
```

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(212, 187, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 187, 168) }
```

Border

The CSS property to change the border of an element to Yxy 52.3648, 0.3495, 0.3520 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(212, 187, 168) }
```

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

```
.border{ border-color:rgb(212, 187, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 187, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 187, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 187, 168); box-shadow:4px 4px 4px 4px rgb(212, 187, 168) }
```


Background

The CSS property to change the background color of an element to Yxy 52.3648, 0.3495, 0.3520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 187, 168) }
```

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

```
.background{ background-color: rgb(212,  
187, 168) }
```

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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