

Converting Colors

$Yxy(40.2148, 0.3543, 0.3382)$

Have a look what the booklet for
Yxy(40.2148, 0.3543, 0.3382)
contains.

Yxy(40.2130, 0.3543, 0.3382)	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(40.2130, 0.3543, 0.3382)

Conversions

Conversions Part 1

Format	Color
Hex	C6A29B
RGB	198, 162, 155
RGB Percent	78%, 64%, 61%
CMY	0.2235, 0.3647, 0.3921
CMYK	0.00, 0.18, 0.22, 0.22
HSL	10°, 27%, 69%
HSV	10°, 22%, 78%
XYZ	42.1273, 40.2130, 36.5627
YIQ	171.9660, 23.7030, 5.4550

Conversions

Conversions Part 2

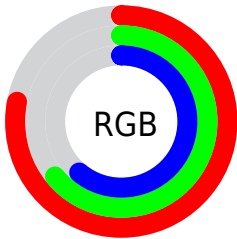
Format	Color
R_{YB}	198, 163, 155
Decimal	13017755
CIE _{Lab}	69.62, 12.17, 8.61
CIE _{LCh}	70, 14.905, 35.284
Yxy	40.2130, 0.3543, 0.3382
Android (android.graphics.Color)	4291207835 (0xFFC6A29B)
YUV	171.9660, -8.3642, 22.8318
Hunter-Lab	63.4137, 7.6081, 10.2046

Details

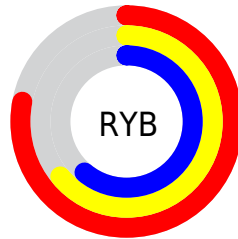
The Yxy color $40.2130, 0.3543, 0.3382$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $48.3211, 0.2801, 0.3196$, and the grayscale version is $41.2727, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.4892, 0.3465, 0.3372$, and $18.0806, 0.3679, 0.3398$ is the 20% darker color. If you saturate the color by 10%, you get $34.1398, 0.3802, 0.3427$, and if you desaturate by 10%, it is $47.1696, 0.3329, 0.3338$.

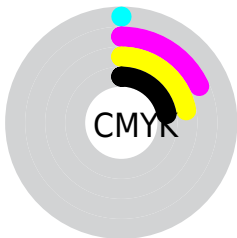
Distribution



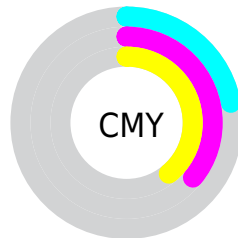
- Red (78%)
- Green (64%)
- Blue (61%)



- Red (78%)
- Yellow (64%)
- Blue (61%)



- Cyan (0%)
- Magenta (18%)
- Yellow (22%)
- Black (22%)





- Cyan (22%)
- Magenta (36%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.2130, 0.3543, 0.3382 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 40.2130, 0.3543, 0.3382 by changing the saturation by 10% instead.


 40.2130, 0.3543,
0.3382


 40.2130, 0.3543,
0.3382


347.0205, 0.3328,
0.3338

 27.7047, 0.3599,
0.3392


 75.4878, 0.3463,
0.3367

 18.1031, 0.3672,
0.3405


 99.0230, 0.3434,
0.3361

 11.0241, 0.3771,
0.3420


127.0026, 0.3409,
0.3356

 6.0830, 0.3915,
0.3440

159.8110, 0.3388,
0.3351

 2.8956, 0.4139,
0.3464

197.8326, 0.3370,
0.3347

 1.0775, 0.4615,
0.3548

241.4518, 0.3354,

 0.0000, 1.0000,

0.3344

0.0000

291.0530, 0.3341,
0.3341

0.0000, 0.0000,
0.0000

40.2130, 0.3543,
0.3382

40.2130, 0.3543,
0.3382

34.1398, 0.3802,
0.3427

47.1696, 0.3329,
0.3338

28.9094, 0.4111,
0.3472

55.0375, 0.3154,
0.3297

24.4859, 0.4474,
0.3511

63.8499, 0.3009,
0.3259

20.8289, 0.4881,
0.3538

73.6369, 0.2890,
0.3224

17.8942, 0.5309,
0.3544

84.4272, 0.2791,
0.3193

■ 15.6331, 0.5717,
0.3524

■ 90.7460, 0.2794,
0.3289

■ 13.9909, 0.6048,
0.3474

■ 13.0467, 0.6246,
0.3423

Harmonies

Analogous

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



40.2130, 0.3420, 0.3196



40.2130, 0.3543, 0.3382



40.2130, 0.3550, 0.3552

Triad

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



40.2130, 0.3543, 0.3382



40.2130, 0.3028, 0.3563



40.2130, 0.2816, 0.2930

Complementary

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



40.2130, 0.3543, 0.3382



48.3211, 0.2801, 0.3196

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.



40.2130, 0.2720, 0.3012



40.2130, 0.3543, 0.3382



40.2130, 0.2839, 0.3379

Square

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



40.2130, 0.3543, 0.3382



40.2130, 0.3248, 0.3667



40.2130, 0.2729, 0.3174



40.2130, 0.2996, 0.2942

Rectangle

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



40.2130, 0.3543, 0.3382



40.2130, 0.3488, 0.3634



40.2130, 0.2729, 0.3174



40.2130, 0.2774, 0.2947

Sweetspot

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



40.2148, 0.3543, 0.3382



89.7314, 0.3244, 0.3319



39.2434, 0.3210, 0.2832



19.0251, 0.3255, 0.3321



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.



40.2148, 0.3543, 0.3382



65.9812, 0.3658, 0.3403



48.2240, 0.3488, 0.3646



10.9105, 0.3286, 0.3328



8.5685, 0.6228, 0.3437



0.4955, 0.5865, 0.3725

Inverse Universe

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



48.3211, 0.2801, 0.3196



82.8448, 0.2734, 0.3173



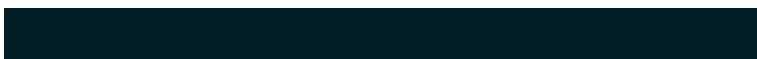
39.8231, 0.2781, 0.2906



11.7630, 0.2984, 0.3252



20.4598, 0.2103, 0.2770



1.0493, 0.2136, 0.2889

Previews

White Background



This preview shows how the Yxy color 40.2130, 0.3543, 0.3382 looks on a white background.

Color Contrast Check

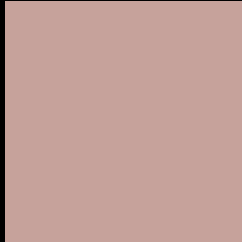
Large Text (above 18pt) WCAG AA × Fail

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 40.2130, 0.3543, 0.3382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

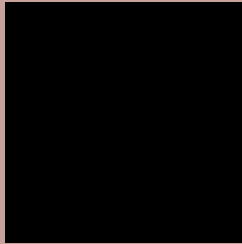
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.2130, 0.3543, 0.3382

Background



This preview shows how black text looks on a background with the Yxy color 40.2130, 0.3543, 0.3382.



This preview shows how white text looks on a background with the Yxy color 40.2130, 0.3543, 0.3382.

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

40.2130, 0.3543, 0.3382

Protanopia

40.4828, 0.3277, 0.3442

Deuteranopia

40.1239, 0.3479, 0.3410



Tritanopia

40.0542, 0.3407, 0.3125

Trichromacy



Original Color

40.2130, 0.3543, 0.3382

Protanomaly

40.2964, 0.3367, 0.3413

Deuteranomaly

40.0303, 0.3501, 0.3397

Tritanomaly

40.0369, 0.3452, 0.3214

Monochromacy



Original Color

40.2130, 0.3543, 0.3382

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.5822, 0.3265, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.2130, 0.3543, 0.3382 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(198, 162, 155)` looks like.

```
.text, #text, p{  
    color:rgb(198, 162, 155)  
}
```

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(198, 162, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 162, 155) }
```

Border

The CSS property to change the border of an element to Yxy 40.2130, 0.3543, 0.3382 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(198, 162, 155) }
```

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

```
.border{ border-color:rgb(198, 162, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 162, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 162, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 162, 155);  
box-shadow:4px 4px 4px 4px rgb(198, 162,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 40.2130, 0.3543, 0.3382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 162, 155) }
```

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

```
.background{ background-color: rgb(198,  
162, 155) }
```

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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