

Converting Colors

$Yxy(40.4698, 0.3527, 0.3506)$

Have a look what the booklet for
Yxy(40.4698, 0.3527, 0.3506)
contains.

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Color

Yxy(40.6488, 0.3530, 0.3517)

Conversions

Conversions Part 1

Format	Color
Hex	C0A695
RGB	192, 166, 149
RGB Percent	75%, 65%, 58%
CMY	0.2471, 0.3490, 0.4157
CMYK	0.00, 0.14, 0.22, 0.25
HSL	24°, 25%, 67%
HSV	24°, 22%, 75%
XYZ	40.7991, 40.6488, 34.1302
YIQ	171.8360, 20.9530, 0.2250

Conversions

Conversions Part 2

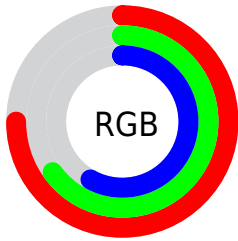
Format	Color
R _Y B	192, 177, 149
Decimal	12625557
CIE Lab	69.93, 6.79, 12.29
CIE LCh	70, 14.044, 61.094
Yxy	40.6488, 0.3530, 0.3517
Android (android.graphics.Color)	4290815637 (0xFFC0A695)
YUV	171.8360, -11.2581, 17.6838
Hunter-Lab	63.7564, 2.6521, 12.8903

Details

The Yxy color **40.6488, 0.3530, 0.3517** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.8543, 0.2781, 0.3051**, and the grayscale version is **41.2186, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.1644, 0.3456, 0.3477**, and **18.3197, 0.3658, 0.3583** is the 20% darker color. If you saturate the color by 10%, you get **36.0554, 0.3757, 0.3625**, and if you desaturate by 10%, it is **45.7279, 0.3333, 0.3412**.

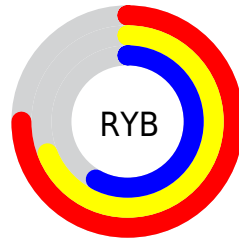
Distribution



Red (75%)

Green (65%)

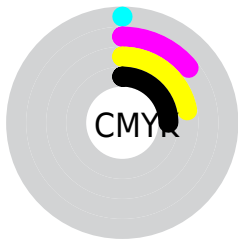
Blue (58%)



Red (75%)

Yellow (69%)

Blue (58%)

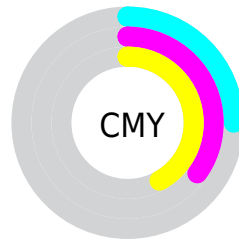


Cyan (0%)

Magenta (14%)

Yellow (22%)

Black (25%)



Cyan (25%)


Magenta (35%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.6488, 0.3530, 0.3517 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 40.6488, 0.3530, 0.3517 by changing the saturation by 10% instead.


 40.6488, 0.3530,
0.3517


 40.6488, 0.3530,
0.3517


348.8506, 0.3323,
0.3404

 28.0448, 0.3584,
0.3545


 76.1505, 0.3453,
0.3476

 18.3594, 0.3653,
0.3581


 99.8169, 0.3425,
0.3461

 11.2083, 0.3748,
0.3628


127.9396, 0.3401,
0.3447

 6.2071, 0.3883,
0.3693

160.9029, 0.3381,
0.3436

 2.9714, 0.4092,
0.3785

199.0913, 0.3363,
0.3426

 1.1168, 0.4656,
0.4104

242.8891, 0.3348,

 0.0000, 1.0000,

0.3418

0.0000

292.6808, 0.3335,
0.3410

0.0000, 0.0000,
0.0000

40.6488, 0.3530,
0.3517

40.6488, 0.3530,
0.3517

36.0554, 0.3757,
0.3625

45.7279, 0.3333,
0.3412

31.9272, 0.4017,
0.3731

51.3015, 0.3164,
0.3313

28.2503, 0.4307,
0.3828

57.3850, 0.3019,
0.3220

25.0078, 0.4620,
0.3906

63.9914, 0.2895,
0.3135

22.1816, 0.4944,
0.3953

71.1334, 0.2788,
0.3057

■ 19.7522, 0.5256,
0.3957

■ 78.2161, 0.2744,
0.3080

■ 17.6977, 0.5532,
0.3908

■ 85.1058, 0.2755,
0.3207

■ 16.3646, 0.5714,
0.3845

■ 89.9463, 0.2762,
0.3289

Harmonies

Analogous

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



40.6488, 0.3507, 0.3353



40.6488, 0.3530, 0.3517



40.6488, 0.3441, 0.3628

Triad

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



40.6488, 0.3530, 0.3517



40.6488, 0.2878, 0.3400



40.6488, 0.2977, 0.2956

Complementary

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



40.6488, 0.3530, 0.3517



40.8543, 0.2781, 0.3051

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.



40.6488, 0.2817, 0.2958



40.6488, 0.3530, 0.3517



40.6488, 0.2761, 0.3208

Square

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



40.6488, 0.3530, 0.3517



40.6488, 0.3062, 0.3565



40.6488, 0.2740, 0.3047



40.6488, 0.3183, 0.3036

Rectangle

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



40.6488, 0.3530, 0.3517



40.6488, 0.3333, 0.3654



40.6488, 0.2740, 0.3047



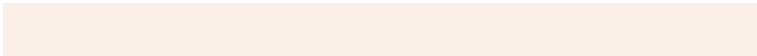
40.6488, 0.2917, 0.2946

Sweetspot

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



40.6506, 0.3530, 0.3517



88.0780, 0.3241, 0.3359



35.8177, 0.3309, 0.2943



18.7644, 0.3251, 0.3365



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



40.6506, 0.3530, 0.3517



69.3547, 0.3641, 0.3571



48.9096, 0.3474, 0.3781



10.7168, 0.3279, 0.3382



11.1544, 0.5691, 0.3863



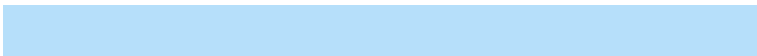
0.6164, 0.5282, 0.4188

Inverse Universe

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



40.8543, 0.2781, 0.3051



69.7853, 0.2703, 0.2990



33.3131, 0.2759, 0.2746



10.7382, 0.2984, 0.3197



11.1331, 0.1876, 0.1954



0.6124, 0.1968, 0.2285

Previews

White Background



This preview shows how the Yxy color 40.6488, 0.3530, 0.3517 looks on a white background.

Color Contrast Check

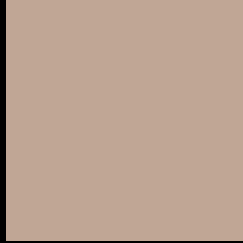
Large Text (above 18pt) WCAG AA × Fail

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 40.6488, 0.3530, 0.3517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

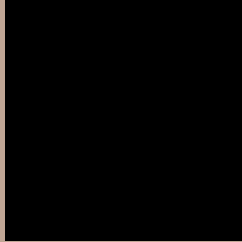
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.6488, 0.3530, 0.3517

Background



This preview shows how black text looks on a background with the Yxy color 40.6488, 0.3530, 0.3517.



This preview shows how white text looks on a background with the Yxy color 40.6488, 0.3530, 0.3517.

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

40.6488, 0.3530, 0.3517

Protanopia

40.9439, 0.3374, 0.3566

Deuteranopia

40.6823, 0.3562, 0.3502



Tritanopia

40.5379, 0.3325, 0.3123

Trichromacy



Original Color

40.6488, 0.3530, 0.3517

Protanomaly

40.7683, 0.3435, 0.3549

Deuteranomaly

40.5495, 0.3553, 0.3503

Tritanomaly

40.4169, 0.3397, 0.3252

Monochromacy



Original Color

40.6488, 0.3530, 0.3517

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.0135, 0.3261, 0.3372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.6488, 0.3530, 0.3517 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(192, 166, 149)` looks like.

```
.text, #text, p{  
    color:rgb(192, 166, 149)  
}
```

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(192, 166, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 166, 149) }
```

Border

The CSS property to change the border of an element to Yxy 40.6488, 0.3530, 0.3517 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(192, 166, 149) }
```

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

```
.border{ border-color:rgb(192, 166, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 166, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 166, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 166, 149); box-shadow:4px 4px 4px 4px rgb(192, 166, 149) }
```


Background

The CSS property to change the background color of an element to Yxy 40.6488, 0.3530, 0.3517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 166, 149) }
```

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

```
.background{ background-color: rgb(192,  
166, 149) }
```

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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