

Converting Colors

$Yxy(40.3412, 0.33378, 0.4062)$

Have a look what the booklet for
Yxy(40.3412, 0.3378, 0.4062)
contains.

Yxy(40.1941, 0.3382, 0.4055)	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(40.1941, 0.3382, 0.4055)

Conversions

Conversions Part 1

Format	Color
Hex	9EB17D
RGB	158, 177, 125
RGB Percent	62%, 69%, 49%
CMY	0.3805, 0.3059, 0.5097
CMYK	0.11, 0.00, 0.29, 0.31
HSL	82°, 25%, 59%
HSV	82°, 29%, 69%
XYZ	33.5232, 40.1941, 25.4051
YIQ	165.3910, 5.3680, -20.2000

Conversions

Conversions Part 2

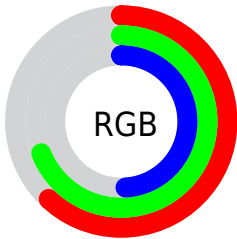
Format	Color
RYB	125, 177, 144
Decimal	10400125
CIELab	69.61, -15.73, 24.47
CIELCh	70, 29.092, 122.729
Yxy	40.1941, 0.3382, 0.4055
Android (android.graphics.Color)	4288590205 (0xFF9EB17D)
YUV	165.3910, -19.9128, -6.4819
Hunter-Lab	63.3988, -16.5631, 20.6206

Details

The Yxy color $40.1941, 0.3382, 0.4055$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $23.7861, 0.2809, 0.2495$, and the grayscale version is $37.9206, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.6383, 0.3338, 0.3908$, and $17.9875, 0.3452, 0.4306$ is the 20% darker color. If you saturate the color by 10%, you get $39.1430, 0.3461, 0.4335$, and if you desaturate by 10%, it is $41.3640, 0.3297, 0.3781$.

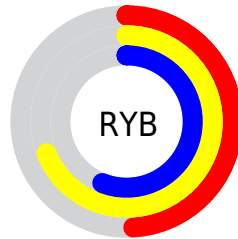
Distribution



Red (62%)

Green (69%)

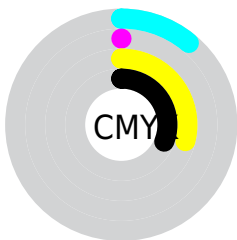
Blue (49%)



Red (49%)

Yellow (69%)

Blue (56%)

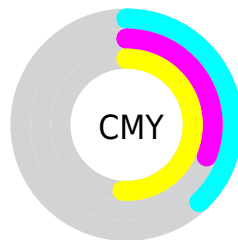


Cyan (11%)

Magenta (0%)

Yellow (29%)

Black (31%)



Cyan (38%)


Magenta (31%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.1941, 0.3382, 0.4055 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 40.1941, 0.3382, 0.4055 by changing the saturation by 10% instead.


 40.1941, 0.3382,
0.4055

 40.1941, 0.3382,
0.4055


346.9410, 0.3259,
0.3652


 27.6899, 0.3410,
0.4162


 75.4590, 0.3339,
0.3904

 18.0920, 0.3444,
0.4302


 98.9885, 0.3323,
0.3849

 11.0161, 0.3485,
0.4494


 126.9619, 0.3308,
0.3802

 6.0777, 0.3531,
0.4771

159.7635, 0.3296,
0.3763

 2.8924, 0.3593,
0.5228

197.7779, 0.3285,
0.3730

 1.0758, 0.3682,
0.6318

241.3893, 0.3275,

 0.0000, 0.0000,

0.3700

0.0000

290.9822, 0.3267,
0.3675

■ 40.1941, 0.3382,
0.4055

■ 40.1941, 0.3382,
0.4055

■ 39.1430, 0.3461,
0.4335

■ 41.3640, 0.3297,
0.3781

■ 38.2006, 0.3528,
0.4610

■ 42.6519, 0.3209,
0.3520

■ 37.3635, 0.3580,
0.4871

■ 44.0638, 0.3122,
0.3275

■ 36.6259, 0.3612,
0.5103

■ 45.6037, 0.3037,
0.3049

■ 35.9814, 0.3620,
0.5296

■ 47.2753, 0.2955,
0.2844

■ 35.4224, 0.3604,
0.5442

■ 49.0822, 0.2879,
0.2657

■ 34.9350, 0.3569,
0.5544

■ 51.0280, 0.2807,
0.2490

■ 34.9052, 0.3567,
0.5550

■ 52.3431, 0.2816,
0.2444

■ 53.3126, 0.2864,
0.2455

Harmonies

Analogous

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



40.1941, 0.3753, 0.3994



40.1941, 0.3382, 0.4055



40.1941, 0.2958, 0.3870

Triad

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



40.1941, 0.3382, 0.4055



40.1941, 0.2352, 0.2764



40.1941, 0.3669, 0.3075

Complementary

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



40.1941, 0.3382, 0.4055



23.7861, 0.2809, 0.2495

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.



40.1941, 0.3257, 0.2797



40.1941, 0.3382, 0.4055



40.1941, 0.2511, 0.2612

Square

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



40.1941, 0.3382, 0.4055



40.1941, 0.2381, 0.3078



40.1941, 0.2833, 0.2630



40.1941, 0.3935, 0.3414

Rectangle

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



40.1941, 0.3382, 0.4055



40.1941, 0.2703, 0.3631



40.1941, 0.2833, 0.2630



40.1941, 0.3542, 0.2973

Sweetspot

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



40.1959, 0.3382, 0.4055



76.4313, 0.3207, 0.3514



30.5425, 0.3691, 0.3557



16.4896, 0.3220, 0.3551



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



40.1959, 0.3382, 0.4055



70.7832, 0.3432, 0.4229



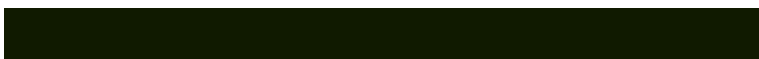
37.9017, 0.3154, 0.4112



9.7480, 0.3209, 0.3519



25.3230, 0.3573, 0.5545



0.8284, 0.3750, 0.5404

Inverse Universe

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



23.7861, 0.2809, 0.2495



36.7696, 0.2725, 0.2305



26.3095, 0.3076, 0.2554



8.3766, 0.3040, 0.3059



3.1411, 0.1806, 0.0768



0.1326, 0.2145, 0.0955

Previews

White Background



This preview shows how the Yxy color 40.1941, 0.3382, 0.4055 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 40.1941, 0.3382, 0.4055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

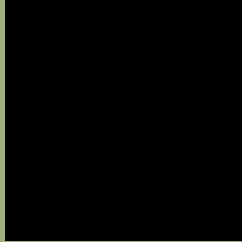
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.1941, 0.3382, 0.4055

Background



This preview shows how black text looks on a background with the Yxy color 40.1941, 0.3382, 0.4055.



This preview shows how white text looks on a background with the Yxy color 40.1941, 0.3382, 0.4055.

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

40.1941, 0.3382, 0.4055

Protanopia

40.2219, 0.3674, 0.3949

Deuteranopia

40.0323, 0.3820, 0.3747



Tritanopia

40.2753, 0.2985, 0.3111

Trichromacy



Original Color

40.1941, 0.3382, 0.4055

Protanomaly

40.3159, 0.3565, 0.3995

Deuteranomaly

39.8519, 0.3657, 0.3852

Tritanomaly

40.2823, 0.3129, 0.3446

Monochromacy



Original Color

40.1941, 0.3382, 0.4055

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

38.2593, 0.3225, 0.3567

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.1941, 0.3382, 0.4055 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(158, 177, 125)` looks like.

```
.text, #text, p{  
    color:rgb(158, 177, 125)  
}
```

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(158, 177, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 177, 125) }
```

Border

The CSS property to change the border of an element to Yxy 40.1941, 0.3382, 0.4055 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(158, 177, 125) }
```

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

```
.border{ border-color:rgb(158, 177, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 177, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 177, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 177, 125);  
box-shadow:4px 4px 4px 4px rgb(158, 177,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 40.1941, 0.3382, 0.4055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 177, 125) }
```

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

```
.background{ background-color: rgb(158,  
177, 125) }
```

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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