

Converting Colors

$Yxy(40.9761, 0.3385, 0.4010)$

Have a look what the booklet for
Yxy(40.9761, 0.3385, 0.4010)
contains.

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Color

Yxy(40.9764, 0.3384, 0.4017)

Conversions

Conversions Part 1

Format	Color
Hex	A1B280
RGB	161, 178, 128
RGB Percent	63%, 70%, 50%
CMY	0.3685, 0.3020, 0.4980
CMYK	0.10, 0.00, 0.28, 0.30
HSL	80°, 25%, 60%
HSV	80°, 28%, 70%
XYZ	34.5193, 40.9764, 26.5117
YIQ	167.2170, 5.9180, -19.1540

Conversions

Conversions Part 2

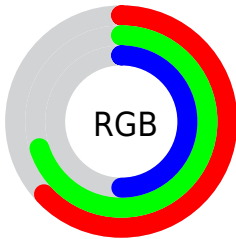
Format	Color
RYB	128, 178, 145
Decimal	10596992
CIELab	70.16, -14.64, 23.66
CIELCh	70, 27.826, 121.750
Yxy	40.9764, 0.3384, 0.4017
Android (android.graphics.Color)	4288787072 (0xFFA1B280)
YUV	167.2170, -19.3340, -5.4523
Hunter-Lab	64.0128, -15.7651, 20.2532

Details

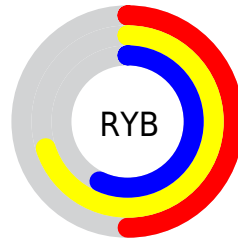
The Yxy color $40.9764, 0.3384, 0.4017$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $24.6694, 0.2812, 0.2529$, and the grayscale version is $38.8520, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.7808, 0.3339, 0.3879$, and $18.4685, 0.3455, 0.4249$ is the 20% darker color. If you saturate the color by 10%, you get $39.9373, 0.3468, 0.4294$, and if you desaturate by 10%, it is $42.1317, 0.3294, 0.3746$.

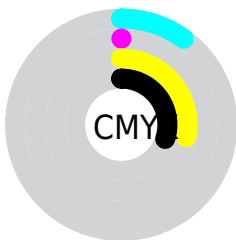
Distribution



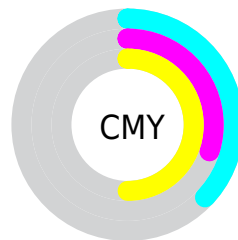
- Red (63%)
- Green (70%)
- Blue (50%)



- Red (50%)
- Yellow (70%)
- Blue (57%)



- Cyan (10%)
- Magenta (0%)
- Yellow (28%)
- Black (30%)



- Cyan (37%)
- Magenta (30%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.9764, 0.3384, 0.4017 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 40.9764, 0.3384, 0.4017 by changing the saturation by 10% instead.


 40.9764, 0.3384,
0.4017


 40.9764, 0.3384,
0.4017


350.2220, 0.3260,
0.3636


 28.3006, 0.3413,
0.4117


 76.6481, 0.3340,
0.3875

 18.5524, 0.3448,
0.4249


 100.4128, 0.3324,
0.3822

 11.3473, 0.3491,
0.4429


 128.6426, 0.3309,
0.3779

 6.3010, 0.3542,
0.4687

161.7219, 0.3297,
0.3741

 3.0289, 0.3601,
0.5094

200.0351, 0.3286,
0.3710

 1.1469, 0.3829,
0.6171

243.9666, 0.3276,

 0.0176, 0.0000,

0.3682

1.0000

293.9007, 0.3268,
0.3658

0.0000, 0.0000,
0.0000

40.9764, 0.3384,
0.4017

40.9764, 0.3384,
0.4017

39.9373, 0.3468,
0.4294

42.1317, 0.3294,
0.3746

39.0041, 0.3542,
0.4567

43.4021, 0.3201,
0.3487

38.1737, 0.3601,
0.4825

44.7936, 0.3110,
0.3245

37.4404, 0.3640,
0.5057

46.3101, 0.3021,
0.3022

36.7978, 0.3655,
0.5250

47.9553, 0.2937,
0.2817

■ 36.2386, 0.3646,
0.5397

■ 49.7326, 0.2858,
0.2633

■ 35.7513, 0.3616,
0.5498

■ 51.6456, 0.2784,
0.2466

■ 35.6628, 0.3610,
0.5516

■ 52.6656, 0.2813,
0.2454

■ 53.5654, 0.2858,
0.2465

Harmonies

Analogous

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



40.9764, 0.3733, 0.3955



40.9764, 0.3384, 0.4017



40.9764, 0.2980, 0.3848

Triad

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



40.9764, 0.3384, 0.4017



40.9764, 0.2386, 0.2798



40.9764, 0.3631, 0.3076

Complementary

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



40.9764, 0.3384, 0.4017



24.6694, 0.2812, 0.2529

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.



40.9764, 0.3238, 0.2812



40.9764, 0.3384, 0.4017



40.9764, 0.2532, 0.2646

Square

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



40.9764, 0.3384, 0.4017



40.9764, 0.2420, 0.3102



40.9764, 0.2836, 0.2657



40.9764, 0.3889, 0.3400

Rectangle

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



40.9764, 0.3384, 0.4017



40.9764, 0.2735, 0.3626



40.9764, 0.2836, 0.2657



40.9764, 0.3509, 0.2979

Sweetspot

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



40.9782, 0.3384, 0.4017



78.6987, 0.3202, 0.3489



31.1720, 0.3664, 0.3533



17.3562, 0.3216, 0.3526



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



40.9782, 0.3384, 0.4017



73.0652, 0.3440, 0.4197



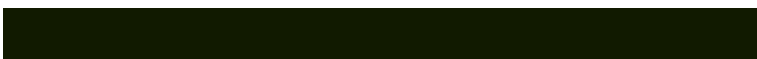
38.6600, 0.3161, 0.4070



9.7594, 0.3213, 0.3518



25.5540, 0.3616, 0.5511



0.8346, 0.3782, 0.5379

Inverse Universe

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



24.6694, 0.2812, 0.2529



38.3558, 0.2722, 0.2331



27.1614, 0.3070, 0.2585



8.3656, 0.3036, 0.3058



3.0277, 0.1767, 0.0747



0.1282, 0.2103, 0.0932

Previews

White Background



This preview shows how the Yxy color 40.9764, 0.3384, 0.4017 looks on a white background.

Color Contrast Check

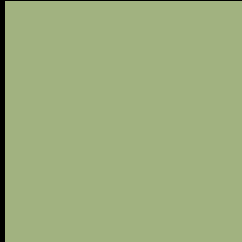
Large Text (above 18pt) WCAG AA × Fail

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 40.9764, 0.3384, 0.4017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

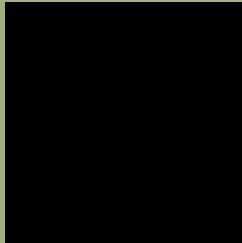
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.9764, 0.3384, 0.4017

Background



This preview shows how black text looks on a background with the Yxy color 40.9764, 0.3384, 0.4017.



This preview shows how white text looks on a background with the Yxy color 40.9764, 0.3384, 0.4017.

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

40.9764, 0.3384, 0.4017

Protanopia

40.7968, 0.3653, 0.3919

Deuteranopia

40.6071, 0.3797, 0.3719



Tritanopia

41.0215, 0.3003, 0.3113

Trichromacy



Original Color

40.9764, 0.3384, 0.4017

Protanomaly

41.0086, 0.3555, 0.3961

Deuteranomaly

40.4267, 0.3636, 0.3821

Tritanomaly

41.0594, 0.3138, 0.3430

Monochromacy



Original Color

40.9764, 0.3384, 0.4017

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

39.4251, 0.3225, 0.3548

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.9764, 0.3384, 0.4017 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(161, 178, 128)` looks like.

```
.text, #text, p{  
    color:rgb(161, 178, 128)  
}
```

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(161, 178, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 178, 128) }
```

Border

The CSS property to change the border of an element to Yxy 40.9764, 0.3384, 0.4017 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(161, 178, 128) }
```

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

```
.border{ border-color:rgb(161, 178, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 178, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 178, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 178, 128);  
box-shadow:4px 4px 4px 4px rgb(161, 178,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 40.9764, 0.3384, 0.4017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 178, 128) }
```

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

```
.background{ background-color: rgb(161,  
178, 128) }
```

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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