

Converting Colors

Yxy(41.0448, 0.3246, 0.3506)

Have a look what the booklet for
Yxy(41.0448, 0.3246, 0.3506)
contains.

Yxy(41.0921, 0.3253, 0.3513)	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(41.0921, 0.3253, 0.3513)

Conversions

Conversions Part 1

Format	Color
Hex	ACAD9D
RGB	172, 173, 157
RGB Percent	67%, 68%, 62%
CMY	0.3253, 0.3216, 0.3843
CMYK	0.01, 0.00, 0.09, 0.32
HSL	64°, 9%, 65%
HSV	64°, 9%, 68%
XYZ	38.0508, 41.0921, 37.8286
YIQ	170.8770, 4.5400, -5.1880

Conversions

Conversions Part 2

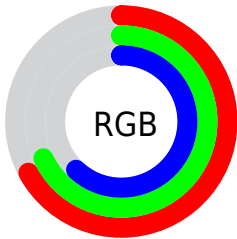
Format	Color
RYB	157, 173, 158
Decimal	11316637
CIELab	70.24, -3.22, 8.09
CIELCh	70, 8.708, 111.697
Yxy	41.0921, 0.3253, 0.3513
Android (android.graphics.Color)	4289506717 (0xFFACAD9D)
YUV	170.8770, -6.8414, 0.9849
Hunter-Lab	64.1031, -6.2250, 9.8839

Details

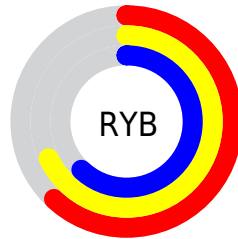
The Yxy color **41.0921, 0.3253, 0.3513** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.3987, 0.2995, 0.3058**, and the grayscale version is **40.6972, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.5712, 0.3224, 0.3462**, and **18.7084, 0.3290, 0.3582** is the 20% darker color. If you saturate the color by 10%, you get **40.4291, 0.3392, 0.3762**, and if you desaturate by 10%, it is **41.8432, 0.3117, 0.3272**.

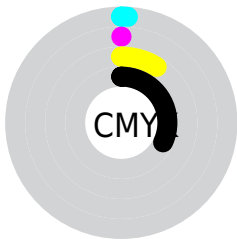
Distribution



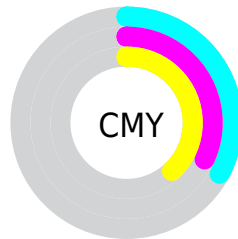
- Red (67%)
- Green (68%)
- Blue (62%)



- Red (62%)
- Yellow (68%)
- Blue (62%)



- Cyan (1%)
- Magenta (0%)
- Yellow (9%)
- Black (32%)



- Cyan (33%)
- Magenta (32%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.0921, 0.3253, 0.3513 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 41.0921, 0.3253, 0.3513 by changing the saturation by 10% instead.

■ 41.0921, 0.3253,
0.3513

■ 41.0921, 0.3253,
0.3513

350.7054, 0.3189,
0.3398

■ 28.3911, 0.3269,
0.3543

■ 76.8237, 0.3230,
0.3471

■ 18.6207, 0.3290,
0.3582

■ 100.6230, 0.3221,
0.3455

■ 11.3965, 0.3319,
0.3634

128.8906, 0.3213,
0.3442

■ 6.3342, 0.3359,
0.3711

162.0107, 0.3207,
0.3430

■ 3.0493, 0.3420,
0.3830

200.3679, 0.3202,
0.3421

■ 1.1575, 0.3559,
0.4083

244.3465, 0.3197,

■ 0.0266, 0.0000,

0.3412

1.0000

294.3308, 0.3193,
0.3405

0.0000, 0.0000,
0.0000

41.0921, 0.3253,
0.3513

41.0921, 0.3253,
0.3513

40.4291, 0.3392,
0.3762

41.8432, 0.3117,
0.3272

39.8454, 0.3531,
0.4013

42.6804, 0.2987,
0.3043

39.3390, 0.3664,
0.4257

43.6085, 0.2864,
0.2830

38.9058, 0.3787,
0.4487

44.6306, 0.2751,
0.2633

38.5415, 0.3893,
0.4691

45.7494, 0.2646,
0.2453

■ 38.2412, 0.3979,
0.4861

■ 46.5882, 0.2584,
0.2343

■ 37.9993, 0.4040,
0.4991

■ 46.7095, 0.2591,
0.2344

■ 37.8092, 0.4076,
0.5079

■ 46.8316, 0.2598,
0.2346

■ 37.6584, 0.4090,
0.5130

■ 46.9547, 0.2605,
0.2348

Harmonies

Analogous

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



41.0921, 0.3345, 0.3484



41.0921, 0.3253, 0.3513



41.0921, 0.3129, 0.3480

Triad

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



41.0921, 0.3253, 0.3513



41.0921, 0.2883, 0.3169



41.0921, 0.3248, 0.3190

Complementary

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



41.0921, 0.3253, 0.3513



34.3987, 0.2995, 0.3058

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.



41.0921, 0.3122, 0.3110



41.0921, 0.3253, 0.3513



41.0921, 0.2913, 0.3096

Square

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



41.0921, 0.3253, 0.3513



41.0921, 0.2916, 0.3278



41.0921, 0.3000, 0.3075



41.0921, 0.3342, 0.3296

Rectangle

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



41.0921, 0.3253, 0.3513



41.0921, 0.3044, 0.3427



41.0921, 0.3000, 0.3075



41.0921, 0.3208, 0.3159

Sweetspot

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



41.0939, 0.3253, 0.3513



74.4189, 0.3168, 0.3363



35.7066, 0.3284, 0.3302



16.1496, 0.3179, 0.3382



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



41.0939, 0.3253, 0.3513



73.3625, 0.3280, 0.3561



40.2318, 0.3181, 0.3518



9.3058, 0.3254, 0.3515



27.6700, 0.4092, 0.5133



0.7768, 0.4125, 0.5107

Inverse Universe

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



34.3987, 0.2995, 0.3058



59.0220, 0.2965, 0.3005



35.2196, 0.3069, 0.3063



7.7789, 0.2994, 0.3056



2.2738, 0.1523, 0.0613



0.0704, 0.1623, 0.0668

Previews

White Background



This preview shows how the Yxy color 41.0921, 0.3253, 0.3513 looks on a white background.

Color Contrast Check

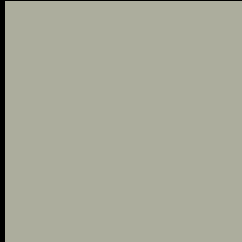
Large Text (above 18pt) WCAG AA × Fail

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 41.0921, 0.3253, 0.3513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

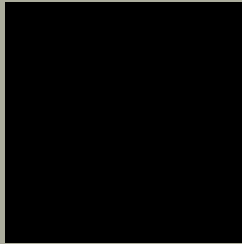
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

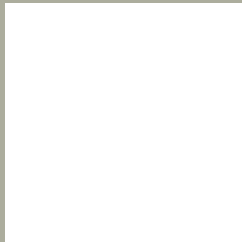
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.0921, 0.3253, 0.3513

Background



This preview shows how black text looks on a background with the Yxy color 41.0921, 0.3253, 0.3513.



This preview shows how white text looks on a background with the Yxy color 41.0921, 0.3253, 0.3513.

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

41.0921, 0.3253, 0.3513

Protanopia

40.9911, 0.3320, 0.3497

Deuteranopia

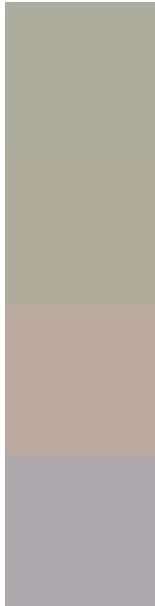
41.0785, 0.3456, 0.3396



Tritanopia

41.0249, 0.3073, 0.3102

Trichromacy



Original Color

41.0921, 0.3253, 0.3513

Protanomaly

41.1355, 0.3300, 0.3511

Deuteranomaly

41.1588, 0.3373, 0.3439

Tritanomaly

40.9194, 0.3139, 0.3236

Monochromacy



Original Color

41.0921, 0.3253, 0.3513

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.9161, 0.3168, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.0921, 0.3253, 0.3513 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(172, 173, 157)` looks like.

```
.text, #text, p{  
    color:rgb(172, 173, 157)  
}
```

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(172, 173, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 173, 157) }
```

Border

The CSS property to change the border of an element to Yxy 41.0921, 0.3253, 0.3513 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(172, 173, 157) }
```

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

```
.border{ border-color:rgb(172, 173, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 173, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 173, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 173, 157);  
box-shadow:4px 4px 4px 4px rgb(172, 173,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 41.0921, 0.3253, 0.3513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 173, 157) }
```

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

```
.background{ background-color: rgb(172,  
173, 157) }
```

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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