

Converting Colors

$Yxy(41.0908, 0.3337, 0.3707)$

Have a look what the booklet for
Yxy(41.0908, 0.3337, 0.3707)
contains.

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Color

Yxy(41.2503, 0.3333, 0.3714)

Conversions

Conversions Part 1

Format	Color
Hex	AAAF91
RGB	170, 175, 145
RGB Percent	67%, 69%, 57%
CMY	0.3333, 0.3137, 0.4314
CMYK	0.03, 0.00, 0.17, 0.31
HSL	70°, 16%, 63%
HSV	70°, 17%, 69%
XYZ	37.0186, 41.2503, 32.7981
YIQ	170.0850, 6.6500, -10.3900

Conversions

Conversions Part 2

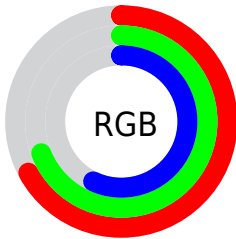
Format	Color
RYB	145, 175, 150
Decimal	11186065
CIELab	70.35, -7.06, 14.81
CIELCh	70, 16.408, 115.478
Yxy	41.2503, 0.3333, 0.3714
Android (android.graphics.Color)	4289376145 (0xFFAAAF91)
YUV	170.0850, -12.3669, -0.0745
Hunter-Lab	64.2264, -9.5128, 14.6812

Details

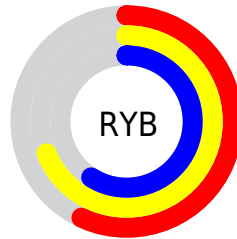
The Yxy color $41.2503, 0.3333, 0.3714$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $29.8298, 0.2900, 0.2841$, and the grayscale version is $40.3043, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.2829, 0.3291, 0.3637$, and $18.8256, 0.3400, 0.3862$ is the 20% darker color. If you saturate the color by 10%, you get $40.4317, 0.3453, 0.3972$, and if you desaturate by 10%, it is $42.1629, 0.3212, 0.3463$.

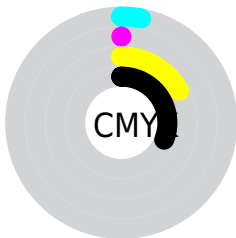
Distribution



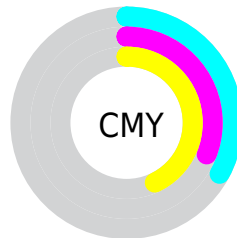
- Red (67%)
- Green (69%)
- Blue (57%)



- Red (57%)
- Yellow (69%)
- Blue (59%)



- Cyan (3%)
- Magenta (0%)
- Yellow (17%)
- Black (31%)




- Cyan (33%)
- Magenta (31%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.2503, 0.3333, 0.3714 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 41.2503, 0.3333, 0.3714 by changing the saturation by 10% instead.


 41.2503, 0.3333,
0.3714


 41.2503, 0.3333,
0.3714


351.3657, 0.3230,
0.3495

 28.5147, 0.3359,
0.3771


 77.0637, 0.3296,
0.3632

 18.7140, 0.3391,
0.3846


 100.9103, 0.3281,
0.3602

 11.4638, 0.3435,
0.3948


129.2294, 0.3270,
0.3577

 6.3797, 0.3494,
0.4095

162.4054, 0.3259,
0.3556

 3.0773, 0.3579,
0.4324

200.8226, 0.3250,
0.3537

 1.1722, 0.3990,
0.5089

244.8654, 0.3243,

 0.0389, 0.0000,

0.3521

1.0000

294.9183, 0.3236,
0.3507

0.0000, 0.0000,
0.0000

41.2503, 0.3333,
0.3714

41.2503, 0.3333,
0.3714

40.4317, 0.3453,
0.3972

42.1629, 0.3212,
0.3463

39.6978, 0.3569,
0.4231

43.1677, 0.3094,
0.3223

39.0463, 0.3675,
0.4479

44.2699, 0.2981,
0.2999

38.4727, 0.3766,
0.4709

45.4726, 0.2874,
0.2792

37.9721, 0.3837,
0.4909

46.7789, 0.2774,
0.2602

■ 37.5387, 0.3884,
0.5071

■ 48.1919, 0.2682,
0.2430

■ 37.1663, 0.3906,
0.5189

■ 48.8825, 0.2672,
0.2387

■ 36.8450, 0.3905,
0.5264

■ 49.2630, 0.2693,
0.2392

■ 36.7576, 0.3903,
0.5283

■ 49.6509, 0.2714,
0.2398

Harmonies

Analogous

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



41.2503, 0.3520, 0.3665



41.2503, 0.3333, 0.3714



41.2503, 0.3096, 0.3639

Triad

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



41.2503, 0.3333, 0.3714



41.2503, 0.2674, 0.3036



41.2503, 0.3381, 0.3126

Complementary

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



41.2503, 0.3333, 0.3714



29.8298, 0.2900, 0.2841

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.



41.2503, 0.3145, 0.2973



41.2503, 0.3333, 0.3714



41.2503, 0.2743, 0.2916

Square

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



41.2503, 0.3333, 0.3714



41.2503, 0.2721, 0.3234



41.2503, 0.2912, 0.2896



41.2503, 0.3550, 0.3323

Rectangle

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



41.2503, 0.3333, 0.3714



41.2503, 0.2942, 0.3527



41.2503, 0.2912, 0.2896



41.2503, 0.3306, 0.3068

Sweetspot

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



41.2521, 0.3333, 0.3714



75.8652, 0.3187, 0.3412



32.8121, 0.3438, 0.3356



16.8352, 0.3196, 0.3429



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.



41.2521, 0.3333, 0.3714



73.2385, 0.3384, 0.3823



39.7239, 0.3200, 0.3732



9.2617, 0.3238, 0.3516



26.3450, 0.3906, 0.5280



0.7505, 0.3999, 0.5207

Inverse Universe

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



29.8298, 0.2900, 0.2841



48.4943, 0.2835, 0.2718



31.2918, 0.3041, 0.2860



7.8190, 0.3010, 0.3057



2.4241, 0.1582, 0.0645



0.0863, 0.1833, 0.0783

Previews

White Background



This preview shows how the Yxy color 41.2503, 0.3333, 0.3714 looks on a white background.

Color Contrast Check

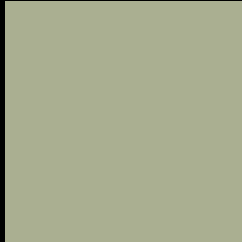
Large Text (above 18pt) WCAG AA × Fail

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 41.2503, 0.3333, 0.3714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

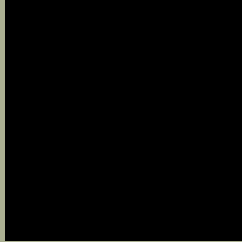
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

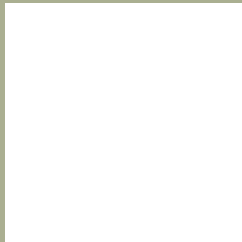
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.2503, 0.3333, 0.3714

Background



This preview shows how black text looks on a background with the Yxy color 41.2503, 0.3333, 0.3714.



This preview shows how white text looks on a background with the Yxy color 41.2503, 0.3333, 0.3714.

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

41.2503, 0.3333, 0.3714

Protanopia

40.9327, 0.3464, 0.3676

Deuteranopia

40.8872, 0.3601, 0.3527



Tritanopia

41.2823, 0.3064, 0.3115

Trichromacy



Original Color

41.2503, 0.3333, 0.3714

Protanomaly

40.8658, 0.3414, 0.3680

Deuteranomaly

41.0161, 0.3501, 0.3601

Tritanomaly

41.2539, 0.3161, 0.3331

Monochromacy



Original Color

41.2503, 0.3333, 0.3714

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.6243, 0.3201, 0.3444

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.2503, 0.3333, 0.3714 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(170, 175, 145)` looks like.

```
.text, #text, p{  
    color:rgb(170, 175, 145)  
}
```

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(170, 175, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 175, 145) }
```

Border

The CSS property to change the border of an element to Yxy 41.2503, 0.3333, 0.3714 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(170, 175, 145) }
```

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

```
.border{ border-color:rgb(170, 175, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 175, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 175, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 175, 145);  
box-shadow:4px 4px 4px 4px rgb(170, 175,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 41.2503, 0.3333, 0.3714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 175, 145) }
```

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

```
.background{ background-color: rgb(170,  
175, 145) }
```

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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