

Converting Colors

Yxy(44.6187, 0.3224, 0.3562)

Have a look what the booklet for
Yxy(44.6187, 0.3224, 0.3562)
contains.

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Color

Yxy(44.6196, 0.3227, 0.3563)

Conversions

Conversions Part 1

Format	Color
Hex	AEB5A1
RGB	174, 181, 161
RGB Percent	68%, 71%, 63%
CMY	0.3177, 0.2902, 0.3686
CMYK	0.04, 0.00, 0.11, 0.29
HSL	81°, 12%, 67%
HSV	81°, 11%, 71%
XYZ	40.4119, 44.6196, 40.1990
YIQ	176.6270, 2.2480, -7.7040

Conversions

Conversions Part 2

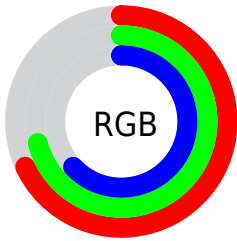
Format	Color
R_{YB}	161, 181, 168
Decimal	11449761
CIE _{Lab}	72.64, -6.10, 9.35
CIE _{LCh}	73, 11.163, 123.098
Yxy	44.6196, 0.3227, 0.3563
Android (android.graphics.Color)	4289639841 (0xFFAEB5A1)
YUV	176.6270, -7.7041, -2.3039
Hunter-Lab	66.7979, -8.9062, 11.0778

Details

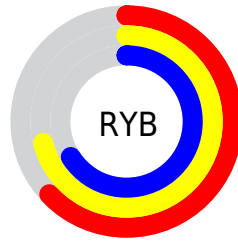
The Yxy color **44.6196, 0.3227, 0.3563** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **37.1506, 0.3020, 0.3013**, and the grayscale version is **43.8016, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.3492, 0.3211, 0.3511**, and **20.6800, 0.3265, 0.3649** is the 20% darker color. If you saturate the color by 10%, you get **43.3175, 0.3317, 0.3827**, and if you desaturate by 10%, it is **46.0523, 0.3137, 0.3315**.

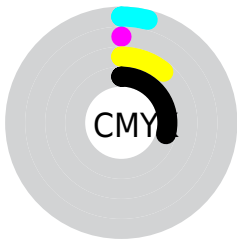
Distribution



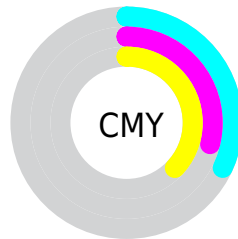
- Red (68%)
- Green (71%)
- Blue (63%)



- Red (63%)
- Yellow (71%)
- Blue (66%)



- Cyan (4%)
- Magenta (0%)
- Yellow (11%)
- Black (29%)





- Cyan (32%)
- Magenta (29%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.6196, 0.3227, 0.3563 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 44.6196, 0.3227, 0.3563 by changing the saturation by 10% instead.


 44.6196, 0.3227,
0.3563


 44.6196, 0.3227,
0.3563


365.2307, 0.3178,
0.3424

 31.1579, 0.3239,
0.3599


 82.1493, 0.3209,
0.3512

 20.7191, 0.3255,
0.3645


 106.9861, 0.3202,
0.3493

 12.9188, 0.3275,
0.3708


136.3833, 0.3197,
0.3477

 7.3727, 0.3303,
0.3797

170.7255, 0.3192,
0.3463

 3.6962, 0.3344,
0.3935

210.3969, 0.3188,
0.3451

 1.5051, 0.3410,
0.4176

255.7820, 0.3184,

 0.2923, 0.3062,

0.3441

0.6938

307.2651, 0.3181,
0.3432

0.0000, 0.0000,
0.0000

44.6196, 0.3227,
0.3563

44.6196, 0.3227,
0.3563

43.3175, 0.3317,
0.3827

46.0523, 0.3137,
0.3315

42.1359, 0.3405,
0.4101

47.6141, 0.3048,
0.3086

41.0720, 0.3484,
0.4380

49.3109, 0.2964,
0.2876

40.1206, 0.3552,
0.4651

51.1463, 0.2885,
0.2686

39.2763, 0.3604,
0.4905

53.1241, 0.2810,
0.2514

■ 38.5330, 0.3634,
0.5129

■ 54.2713, 0.2834,
0.2491

■ 37.8837, 0.3640,
0.5311

■ 55.2321, 0.2881,
0.2502

■ 37.3204, 0.3623,
0.5445

■ 56.2302, 0.2929,
0.2513

■ 36.8749, 0.3591,
0.5531

■ 57.2662, 0.2977,
0.2524

Harmonies

Analogous

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



44.6196, 0.3362, 0.3554



44.6196, 0.3227, 0.3563



44.6196, 0.3068, 0.3493

Triad

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



44.6196, 0.3227, 0.3563



44.6196, 0.2828, 0.3097



44.6196, 0.3329, 0.3213

Complementary

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



44.6196, 0.3227, 0.3563



37.1506, 0.3020, 0.3013

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.



44.6196, 0.3182, 0.3099



44.6196, 0.3227, 0.3563



44.6196, 0.2894, 0.3030

Square

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



44.6196, 0.3227, 0.3563



44.6196, 0.2840, 0.3219



44.6196, 0.3022, 0.3032



44.6196, 0.3423, 0.3349

Rectangle

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



44.6196, 0.3227, 0.3563



44.6196, 0.2969, 0.3412



44.6196, 0.3022, 0.3032



44.6196, 0.3284, 0.3171

Sweetspot

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



44.6215, 0.3227, 0.3563



81.9435, 0.3155, 0.3363



40.4029, 0.3310, 0.3386



17.6656, 0.3162, 0.3383



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.



44.6215, 0.3227, 0.3563



79.3870, 0.3247, 0.3619



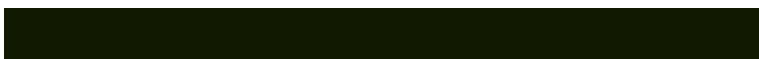
43.5154, 0.3140, 0.3570



9.7548, 0.3211, 0.3519



25.4590, 0.3599, 0.5525



0.8321, 0.3769, 0.5389

Inverse Universe

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



37.1506, 0.3020, 0.3013



63.6233, 0.2996, 0.2955



38.2908, 0.3112, 0.3021



8.3701, 0.3038, 0.3058



3.0725, 0.1782, 0.0755



0.1300, 0.2120, 0.0942

Previews

White Background



This preview shows how the Yxy color 44.6196, 0.3227, 0.3563 looks on a white background.

Color Contrast Check

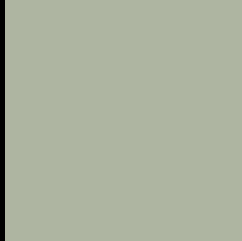
Large Text (above 18pt) WCAG AA × Fail

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 44.6196, 0.3227, 0.3563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

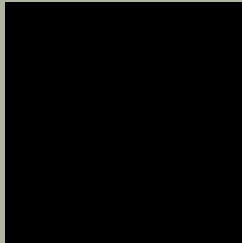
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

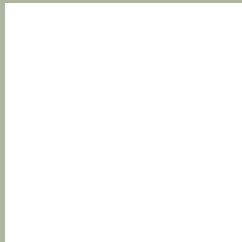
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.6196, 0.3227, 0.3563

Background



This preview shows how black text looks on a background with the Yxy color 44.6196, 0.3227, 0.3563.



This preview shows how white text looks on a background with the Yxy color 44.6196, 0.3227, 0.3563.

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

44.6196, 0.3227, 0.3563

Protanopia

44.3866, 0.3358, 0.3529

Deuteranopia

44.5669, 0.3473, 0.3405



Tritanopia

44.6708, 0.3025, 0.3107

Trichromacy



Original Color

44.6196, 0.3227, 0.3563

Protanomaly

44.3239, 0.3311, 0.3532

Deuteranomaly

44.3449, 0.3382, 0.3461

Tritanomaly

44.4832, 0.3102, 0.3263

Monochromacy



Original Color

44.6196, 0.3227, 0.3563

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.0112, 0.3166, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6196, 0.3227, 0.3563 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(174, 181, 161)` looks like.

```
.text, #text, p{  
    color:rgb(174, 181, 161)  
}
```

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(174, 181, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 181, 161) }
```

Border

The CSS property to change the border of an element to Yxy 44.6196, 0.3227, 0.3563 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(174, 181, 161) }
```

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

```
.border{ border-color:rgb(174, 181, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 181, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 181, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 181, 161);  
box-shadow:4px 4px 4px 4px rgb(174, 181,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6196, 0.3227, 0.3563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 181, 161) }
```

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

```
.background{ background-color: rgb(174,  
181, 161) }
```

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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