

Converting Colors

$Yxy(44.5747, 0.3081, 0.3555)$

Have a look what the booklet for
Yxy(44.5747, 0.3081, 0.3555)
contains.

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Color

Yxy(44.5747, 0.3081, 0.3555)

Conversions

Conversions Part 1

Format	Color
Hex	A1B8A5
RGB	161, 184, 165
RGB Percent	63%, 72%, 65%
CMY	0.3686, 0.2784, 0.3528
CMYK	0.13, 0.00, 0.10, 0.28
HSL	131°, 14%, 68%
HSV	131°, 13%, 72%
XYZ	38.6314, 44.5747, 42.1798
YIQ	174.9570, -7.6090, -10.7850

Conversions

Conversions Part 2

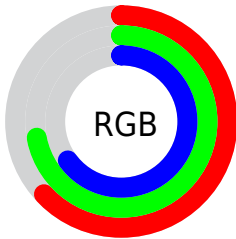
Format	Color
RYB	161, 181, 184
Decimal	10598565
CIELab	72.61, -11.57, 6.98
CIElCh	73, 13.515, 148.897
Yxy	44.5747, 0.3081, 0.3555
Android (android.graphics.Color)	4288788645 (0xFFA1B8A5)
YUV	174.9570, -4.9088, -12.2403
Hunter-Lab	66.7643, -13.5532, 9.2772

Details

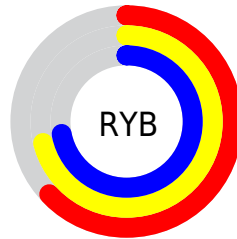
The Yxy color $44.5747, 0.3081, 0.3555$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $38.9728, 0.3177, 0.3039$, and the grayscale version is $42.8767, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.0864, 0.3091, 0.3505$, and $20.6761, 0.3065, 0.3642$ is the 20% darker color. If you saturate the color by 10%, you get $42.2833, 0.3044, 0.3797$, and if you desaturate by 10%, it is $47.2168, 0.3118, 0.3340$.

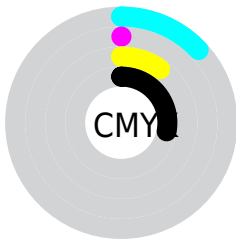
Distribution



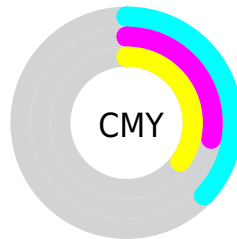
- Red (63%)
- Green (72%)
- Blue (65%)



- Red (63%)
- Yellow (71%)
- Blue (72%)



- Cyan (13%)
- Magenta (0%)
- Yellow (10%)
- Black (28%)



- Cyan (37%)
- Magenta (28%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.5747, 0.3081, 0.3555 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 44.5747, 0.3081, 0.3555 by changing the saturation by 10% instead.

 44.5747, 0.3081,
0.3555


 44.5747, 0.3081,
0.3555


365.0483, 0.3105,
0.3419

 31.1226, 0.3074,
0.3590


 82.0818, 0.3090,
0.3505

 20.6922, 0.3066,
0.3636


 106.9056, 0.3094,
0.3486

 12.8992, 0.3054,
0.3698

136.2888, 0.3096,
0.3471

 7.3592, 0.3036,
0.3787

170.6156, 0.3099,
0.3457

 3.6877, 0.3007,
0.3927

210.2706, 0.3101,
0.3446

 1.5005, 0.2952,
0.4173

255.6381, 0.3103,

 0.2890, 0.0000,

0.3436

1.0000

307.1026, 0.3104,
0.3427

0.0000, 0.0000,
0.0000

44.5747, 0.3081,
0.3555

44.5747, 0.3081,
0.3555

42.2833, 0.3044,
0.3797

47.2168, 0.3118,
0.3340

40.3223, 0.3008,
0.4066

50.2174, 0.3154,
0.3151

38.6782, 0.2976,
0.4356

53.5916, 0.3188,
0.2986

37.3340, 0.2949,
0.4660

57.3514, 0.3220,
0.2843

36.2714, 0.2931,
0.4966

61.5086, 0.3250,
0.2720

■ 35.4699, 0.2923,
0.5257

■ 62.7622, 0.3160,
0.2595

■ 34.9064, 0.2927,
0.5514

■ 34.5532, 0.2941,
0.5720

■ 34.3880, 0.2955,
0.5838

Harmonies

Analogous

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



44.5747, 0.3273, 0.3627



44.5747, 0.3081, 0.3555



44.5747, 0.2905, 0.3406

Triad

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



44.5747, 0.3081, 0.3555



44.5747, 0.2829, 0.2983



44.5747, 0.3476, 0.3337

Complementary

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



44.5747, 0.3081, 0.3555



38.9728, 0.3177, 0.3039

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.



44.5747, 0.3350, 0.3175



44.5747, 0.3081, 0.3555



44.5747, 0.2975, 0.2974

Square

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



44.5747, 0.3081, 0.3555



44.5747, 0.2763, 0.3072



44.5747, 0.3165, 0.3045



44.5747, 0.3505, 0.3493

Rectangle

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



44.5747, 0.3081, 0.3555



44.5747, 0.2820, 0.3286



44.5747, 0.3165, 0.3045



44.5747, 0.3443, 0.3282

Sweetspot

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



44.5766, 0.3081, 0.3555



84.7997, 0.3112, 0.3372



46.5788, 0.3277, 0.3597



18.2005, 0.3110, 0.3387



93.3107, 0.3127, 0.3290



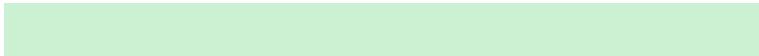
18.7317, 0.3127, 0.3290

Same Dimension

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



44.5766, 0.3081, 0.3555



79.6009, 0.3071, 0.3619



45.0066, 0.2996, 0.3395



10.0852, 0.3093, 0.3484



23.7067, 0.2951, 0.5822



0.8437, 0.2828, 0.5381

Inverse Universe

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



38.9728, 0.3177, 0.3039



67.4430, 0.3189, 0.2982



38.5309, 0.3279, 0.3187



9.1350, 0.3164, 0.3104



8.5884, 0.3702, 0.1813



0.3100, 0.3555, 0.1732

Previews

White Background



This preview shows how the Yxy color 44.5747, 0.3081, 0.3555 looks on a white background.

Color Contrast Check

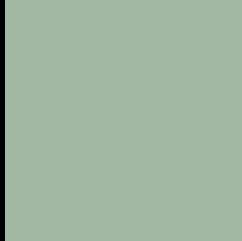
Large Text (above 18pt) WCAG AA × Fail

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 44.5747, 0.3081, 0.3555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

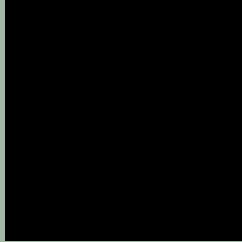
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

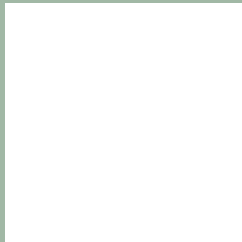
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.5747, 0.3081, 0.3555

Background



This preview shows how black text looks on a background with the Yxy color 44.5747, 0.3081, 0.3555.



This preview shows how white text looks on a background with the Yxy color 44.5747, 0.3081, 0.3555.

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

44.5747, 0.3081, 0.3555

Protanopia

44.3318, 0.3332, 0.3503

Deuteranopia

44.4743, 0.3409, 0.3342



Tritanopia

44.6445, 0.2904, 0.3103

Trichromacy



Original Color

44.5747, 0.3081, 0.3555

Protanomaly

44.4813, 0.3238, 0.3534

Deuteranomaly

44.1550, 0.3282, 0.3410

Tritanomaly

44.3592, 0.2970, 0.3262

Monochromacy



Original Color

44.5747, 0.3081, 0.3555

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.3271, 0.3114, 0.3386

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5747, 0.3081, 0.3555 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, 184, 165)` looks like.

```
.text, #text, p{  
    color:rgb(161, 184, 165)  
}
```

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, 184, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 184, 165) }
```

Border

The CSS property to change the border of an element to Yxy 44.5747, 0.3081, 0.3555 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, 184, 165) }
```

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

```
.border{ border-color:rgb(161, 184, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 184, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 184, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 184, 165);  
box-shadow:4px 4px 4px 4px rgb(161, 184,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5747, 0.3081, 0.3555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 184, 165) }
```

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

```
.background{ background-color: rgb(161,  
184, 165) }
```

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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