

Converting Colors

$Yxy(44.0209, 0.3081, 0.3557)$

Have a look what the booklet for
Yxy(44.0209, 0.3081, 0.3557)
contains.

Yxy(44.0209, 0.3081, 0.3557)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(44.0209, 0.3081, 0.3557)

Conversions

Conversions Part 1

Format	Color
Hex	A0B7A4
RGB	160, 183, 164
RGB Percent	63%, 72%, 64%
CMY	0.3726, 0.2823, 0.3569
CMYK	0.13, 0.00, 0.10, 0.28
HSL	130°, 14%, 67%
HSV	130°, 13%, 72%
XYZ	38.1300, 44.0209, 41.6076
YIQ	173.9570, -7.6090, -10.7850

Conversions

Conversions Part 2

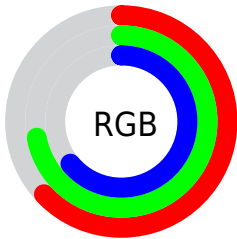
Format	Color
RYB	160, 180, 183
Decimal	10532772
CIELab	72.24, -11.59, 7.01
CIELCh	72, 13.547, 148.845
Yxy	44.0209, 0.3081, 0.3557
Android (android.graphics.Color)	4288722852 (0xFFA0B7A4)
YUV	173.9570, -4.9088, -12.2403
Hunter-Lab	66.3482, -13.5264, 9.2625

Details

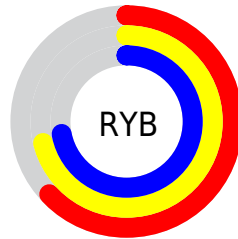
The Yxy color $44.0209, 0.3081, 0.3557$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $38.4618, 0.3177, 0.3037$, and the grayscale version is $42.3329, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.2945, 0.3091, 0.3506$, and $20.3233, 0.3065, 0.3644$ is the 20% darker color. If you saturate the color by 10%, you get $41.7594, 0.3044, 0.3800$, and if you desaturate by 10%, it is $46.6287, 0.3118, 0.3341$.

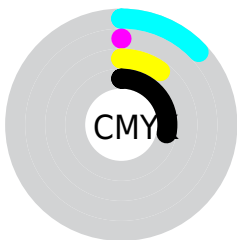
Distribution



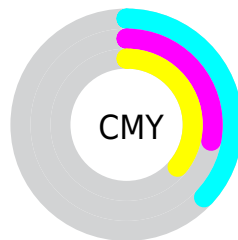
- Red (63%)
- Green (72%)
- Blue (64%)



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



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




- Cyan (37%)
- Magenta (28%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.0209, 0.3081, 0.3557 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 44.0209, 0.3081, 0.3557 by changing the saturation by 10% instead.


 44.0209, 0.3081,
0.3557

 44.0209, 0.3081,
0.3557


362.7936, 0.3106,
0.3420

 30.6869, 0.3074,
0.3593


 81.2492, 0.3090,
0.3506

 20.3606, 0.3066,
0.3639


 105.9123, 0.3094,
0.3487

 12.6574, 0.3053,
0.3702


135.1206, 0.3096,
0.3472

 7.1931, 0.3035,
0.3793

169.2585, 0.3099,
0.3458

 3.5831, 0.3006,
0.3936

208.7103, 0.3101,
0.3447

 1.4432, 0.2949,
0.4189

253.8605, 0.3103,

 0.2483, 0.0000,

0.3437

1.0000

305.0935, 0.3104,
0.3428

0.0000, 0.0000,
0.0000

44.0209, 0.3081,
0.3557

44.0209, 0.3081,
0.3557

41.7594, 0.3044,
0.3800

46.6287, 0.3118,
0.3341

39.8243, 0.3009,
0.4069

49.5906, 0.3154,
0.3152

38.2020, 0.2976,
0.4360

52.9213, 0.3188,
0.2987

36.8759, 0.2950,
0.4664

56.6330, 0.3220,
0.2844

35.8279, 0.2932,
0.4970

60.7372, 0.3249,
0.2720

■ 35.0377, 0.2924,
0.5261

■ 62.3298, 0.3163,
0.2588

■ 34.4824, 0.2927,
0.5517

■ 62.3497, 0.3160,
0.2585

■ 34.1348, 0.2942,
0.5724

■ 33.9732, 0.2956,
0.5840

Harmonies

Analogous

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



44.0209, 0.3274, 0.3629



44.0209, 0.3081, 0.3557



44.0209, 0.2904, 0.3407

Triad

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



44.0209, 0.3081, 0.3557



44.0209, 0.2827, 0.2981



44.0209, 0.3478, 0.3337

Complementary

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



44.0209, 0.3081, 0.3557



38.4618, 0.3177, 0.3037

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.



44.0209, 0.3351, 0.3174



44.0209, 0.3081, 0.3557



44.0209, 0.2973, 0.2972

Square

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



44.0209, 0.3081, 0.3557



44.0209, 0.2761, 0.3071



44.0209, 0.3165, 0.3043



44.0209, 0.3508, 0.3494

Rectangle

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



44.0209, 0.3081, 0.3557



44.0209, 0.2818, 0.3286



44.0209, 0.3165, 0.3043



44.0209, 0.3445, 0.3281

Sweetspot

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



44.0228, 0.3081, 0.3557



82.7691, 0.3112, 0.3372



46.0116, 0.3278, 0.3599



18.2003, 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.



44.0228, 0.3081, 0.3557



77.6957, 0.3071, 0.3619



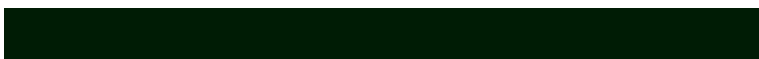
44.4508, 0.2995, 0.3396



10.0850, 0.3093, 0.3484



23.7057, 0.2951, 0.5824



0.8436, 0.2829, 0.5385

Inverse Universe

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



38.4618, 0.3177, 0.3037



65.8406, 0.3189, 0.2982



38.0217, 0.3280, 0.3187



9.1352, 0.3163, 0.3103



8.5942, 0.3698, 0.1811



0.3101, 0.3552, 0.1730

Previews

White Background



This preview shows how the Yxy color 44.0209, 0.3081, 0.3557 looks on a white background.

Color Contrast Check

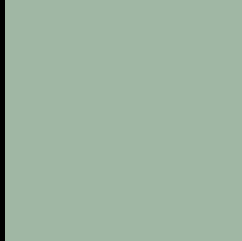
Large Text (above 18pt) WCAG AA × Fail

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 44.0209, 0.3081, 0.3557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

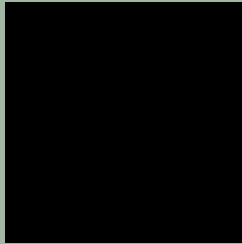
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

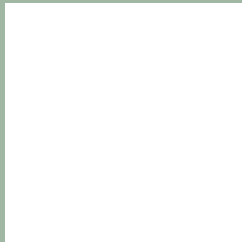
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.0209, 0.3081, 0.3557

Background



This preview shows how black text looks on a background with the Yxy color 44.0209, 0.3081, 0.3557.



This preview shows how white text looks on a background with the Yxy color 44.0209, 0.3081, 0.3557.

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

44.0209, 0.3081, 0.3557

Protanopia

43.7791, 0.3333, 0.3504

Deuteranopia

43.8848, 0.3420, 0.3355



Tritanopia

44.0898, 0.2903, 0.3102

Trichromacy



Original Color

44.0209, 0.3081, 0.3557

Protanomaly

43.9274, 0.3238, 0.3536

Deuteranomaly

43.5669, 0.3292, 0.3424

Tritanomaly

43.8064, 0.2969, 0.3262

Monochromacy



Original Color

44.0209, 0.3081, 0.3557

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.7816, 0.3114, 0.3386

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0209, 0.3081, 0.3557 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(160, 183, 164)` looks like.

```
.text, #text, p{  
    color:rgb(160, 183, 164)  
}
```

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(160, 183, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 183, 164) }
```

Border

The CSS property to change the border of an element to Yxy 44.0209, 0.3081, 0.3557 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(160, 183, 164) }
```

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

```
.border{ border-color:rgb(160, 183, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 183, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 183, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 183, 164);  
box-shadow:4px 4px 4px 4px rgb(160, 183,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0209, 0.3081, 0.3557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 183, 164) }
```

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

```
.background{ background-color: rgb(160,  
183, 164) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor