

Converting Colors

$Yxy(44.1917, 0.2865, 0.3086)$

Have a look what the booklet for
Yxy(44.1917, 0.2865, 0.3086)
contains.

Yxy(44.2640, 0.2865, 0.3088)	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(44.2640, 0.2865, 0.3088)

Conversions

Conversions Part 1

Format	Color
Hex	A2B4C3
RGB	162, 180, 195
RGB Percent	64%, 71%, 76%
CMY	0.3648, 0.2941, 0.2353
CMYK	0.17, 0.08, 0.00, 0.24
HSL	207°, 22%, 70%
HSV	207°, 17%, 76%
XYZ	41.0675, 44.2640, 58.0105
YIQ	176.3280, -15.5430, 0.8490

Conversions

Conversions Part 2

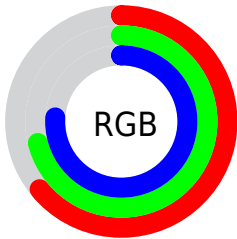
Format	Color
R_{YB}	162, 174, 195
Decimal	10663107
CIE Lab	72.40, -3.06, -9.71
CIE LCh	72, 10.183, 252.537
Yxy	44.2640, 0.2865, 0.3088
Android (android.graphics.Color)	4288853187 (0xFFA2B4C3)
YUV	176.3280, 9.2053, -12.5657
Hunter-Lab	66.5312, -6.2475, -5.1248

Details

The Yxy color $44.2640, 0.2865, 0.3088$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $45.6401, 0.3415, 0.3484$, and the grayscale version is $43.5518, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.7709, 0.2910, 0.3123$, and $20.4168, 0.2794, 0.3030$ is the 20% darker color. If you saturate the color by 10%, you get $38.9195, 0.2706, 0.2952$, and if you desaturate by 10%, it is $50.1570, 0.3021, 0.3212$.

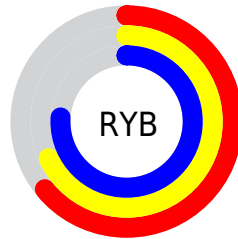
Distribution



Red (64%)

Green (71%)

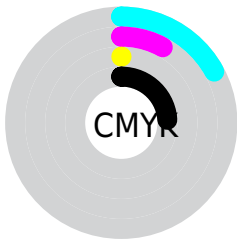
Blue (76%)



Red (64%)

Yellow (68%)

Blue (76%)

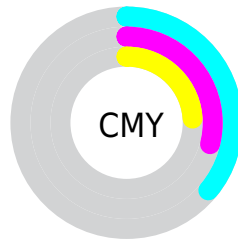


Cyan (17%)

Magenta (8%)

Yellow (0%)

Black (24%)



Cyan (36%)

Magenta (29%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.2640, 0.2865, 0.3088 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 44.2640, 0.2865, 0.3088 by changing the saturation by 10% instead.

■ 44.2640, 0.2865,
0.3088

■ 44.2640, 0.2865,
0.3088

■ 363.7845, 0.2996,
0.3190

■ 30.8781, 0.2832,
0.3062

■ 81.6149, 0.2913,
0.3125

■ 20.5060, 0.2790,
0.3029

■ 106.3486, 0.2931,
0.3139

■ 12.7634, 0.2734,
0.2984

■ 135.6338, 0.2946,
0.3151

■ 7.2658, 0.2655,
0.2920

■ 169.8547, 0.2959,
0.3161

■ 3.6289, 0.2539,
0.2824

■ 209.3959, 0.2970,
0.3170

■ 1.4682, 0.2346,
0.2663

■ 254.6416, 0.2980,

■ 0.2662, 0.1262,

0.3178

0.1883

305.9764, 0.2989,
0.3184

0.0000, 0.0000,
0.0000

44.2640, 0.2865,
0.3088

44.2640, 0.2865,
0.3088

38.9195, 0.2706,
0.2952

50.1570, 0.3021,
0.3212

34.0992, 0.2547,
0.2803

56.6108, 0.3173,
0.3323

29.7851, 0.2392,
0.2643

63.6440, 0.3318,
0.3421

25.9553, 0.2246,
0.2474

71.2726, 0.3455,
0.3508

22.5866, 0.2114,
0.2299

78.6537, 0.3550,
0.3588

■ 19.6526, 0.1999,
0.2122

■ 83.5430, 0.3531,
0.3675

■ 17.1235, 0.1905,
0.1947

■ 88.6838, 0.3511,
0.3759

■ 14.9604, 0.1833,
0.1779

■ 94.0795, 0.3493,
0.3842

■ 14.3514, 0.1814,
0.1729

■ 96.7203, 0.3484,
0.3880

Harmonies

Analogous

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



44.2640, 0.2853, 0.3186



44.2640, 0.2865, 0.3088



44.2640, 0.2946, 0.3046

Triad

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



44.2640, 0.2865, 0.3088



44.2640, 0.3346, 0.3258



44.2640, 0.3173, 0.3526

Complementary

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



44.2640, 0.2865, 0.3088



45.6401, 0.3415, 0.3484

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.



44.2640, 0.3308, 0.3542



44.2640, 0.2865, 0.3088



44.2640, 0.3410, 0.3383

Square

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



44.2640, 0.2865, 0.3088



44.2640, 0.3223, 0.3144



44.2640, 0.3395, 0.3488



44.2640, 0.3029, 0.3443

Rectangle

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



44.2640, 0.2865, 0.3088



44.2640, 0.3029, 0.3053



44.2640, 0.3395, 0.3488



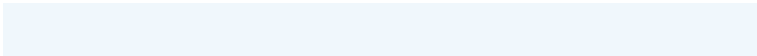
44.2640, 0.3221, 0.3540

Sweetspot

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



44.2658, 0.2865, 0.3088



91.9030, 0.3050, 0.3233



49.8780, 0.3000, 0.3535



19.9500, 0.3039, 0.3225



0.0000, 0.0000, 0.0000



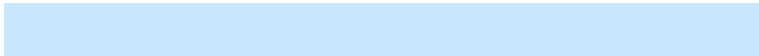
21.4041, 0.3127, 0.3290

Same Dimension

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



44.2658, 0.2865, 0.3088



75.9426, 0.2812, 0.3043



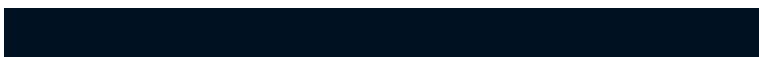
38.0349, 0.2854, 0.2861



10.6391, 0.2984, 0.3183



9.4972, 0.1820, 0.1751



0.5467, 0.1924, 0.2127

Inverse Universe

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



40.7289, 0.3279, 0.3059



68.6889, 0.3316, 0.3011



52.5059, 0.3382, 0.3686



10.1679, 0.3205, 0.3165



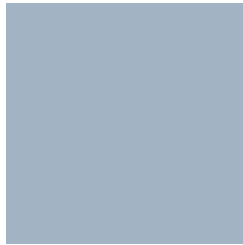
8.2410, 0.4744, 0.2387



0.3698, 0.4312, 0.2149

Previews

White Background



This preview shows how the Yxy color 44.2640, 0.2865, 0.3088 looks on a white background.

Color Contrast Check

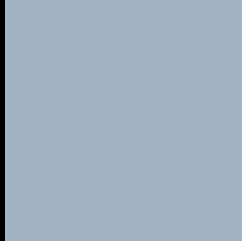
Large Text (above 18pt) WCAG AA × Fail

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 44.2640, 0.2865, 0.3088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

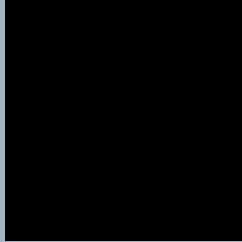
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

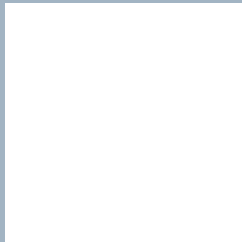
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.2640, 0.2865, 0.3088

Background



This preview shows how black text looks on a background with the Yxy color 44.2640, 0.2865, 0.3088.



This preview shows how white text looks on a background with the Yxy color 44.2640, 0.2865, 0.3088.

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

44.2640, 0.2865, 0.3088

Protanopia

44.1310, 0.2992, 0.3067

Deuteranopia

44.3575, 0.3046, 0.2984



Tritanopia

44.2189, 0.2872, 0.3101

Trichromacy



Original Color

44.2640, 0.2865, 0.3088

Protanomaly

43.9972, 0.2943, 0.3065

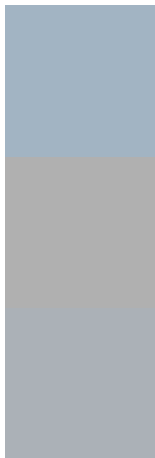
Deuteranomaly

44.3833, 0.2978, 0.3030

Tritanomaly

44.2189, 0.2872, 0.3101

Monochromacy



Original Color

44.2640, 0.2865, 0.3088

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.5211, 0.3028, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2640, 0.2865, 0.3088 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(162, 180, 195)` looks like.

```
.text, #text, p{  
    color:rgb(162, 180, 195)  
}
```

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(162, 180, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 180, 195) }
```

Border

The CSS property to change the border of an element to Yxy 44.2640, 0.2865, 0.3088 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(162, 180, 195) }
```

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

```
.border{ border-color:rgb(162, 180, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 180, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 180, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 180, 195);  
box-shadow:4px 4px 4px 4px rgb(162, 180,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2640, 0.2865, 0.3088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 180, 195) }
```

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

```
.background{ background-color: rgb(162,  
180, 195) }
```

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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