

Converting Colors

$Yxy(30.8384, 0.2813, 0.3562)$

Have a look what the booklet for
Yxy(30.8384, 0.2813, 0.3562)
contains.

Yxy(30.9136, 0.2813, 0.3562)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(30.9136, 0.2813, 0.3562)

Conversions

Conversions Part 1

Format	Color
Hex	6FA191
RGB	111, 161, 145
RGB Percent	44%, 63%, 57%
CMY	0.5646, 0.3686, 0.4314
CMYK	0.31, 0.00, 0.10, 0.37
HSL	161°, 21%, 53%
HSV	161°, 31%, 63%
XYZ	24.4132, 30.9136, 31.4604
YIQ	144.2260, -24.6640, -15.5760

Conversions

Conversions Part 2

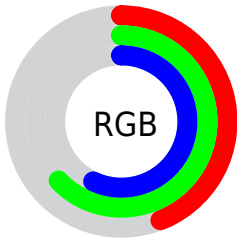
Format	Color
RYB	111, 141, 161
Decimal	7315857
CIELab	62.43, -20.25, 3.01
CIELCh	62, 20.470, 171.539
Yxy	30.9136, 0.2813, 0.3562
Android (android.graphics.Color)	4285505937 (0xFF6FA191)
YUV	144.2260, 0.3816, -29.1392
Hunter-Lab	55.6000, -18.9230, 5.3717

Details

The Yxy color **30.9136, 0.2813, 0.3562** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.4873, 0.3589, 0.3036**, and the grayscale version is **27.9946, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.1278, 0.2876, 0.3503**, and **12.7556, 0.2702, 0.3644** is the 20% darker color. If you saturate the color by 10%, you get **29.8069, 0.2728, 0.3666**, and if you desaturate by 10%, it is **32.2183, 0.2908, 0.3466**.

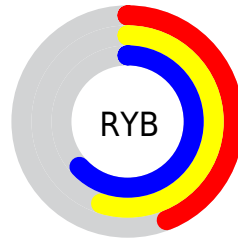
Distribution



Red (44%)

Green (63%)

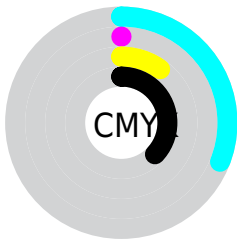
Blue (57%)



Red (44%)

Yellow (55%)

Blue (63%)

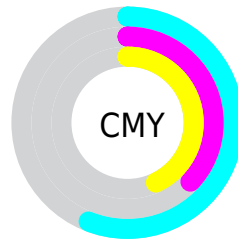


Cyan (31%)

Magenta (0%)

Yellow (10%)

Black (37%)



Cyan (56%)


Magenta (37%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.9136, 0.2813, 0.3562 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 30.9136, 0.2813, 0.3562 by changing the saturation by 10% instead.


 30.9136, 0.2813,
0.3562


 30.9136, 0.2813,
0.3562


306.1401, 0.2982,
0.3415


 20.5331, 0.2767,
0.3603


 61.1040, 0.2877,
0.3505

 12.7831, 0.2704,
0.3659


 81.6827, 0.2900,
0.3485

 7.2794, 0.2616,
0.3738


 106.4295, 0.2920,
0.3468

 3.6374, 0.2482,
0.3861

 135.7289, 0.2936,
0.3454

 1.4729, 0.2253,
0.4077

169.9653, 0.2950,
0.3442

 0.2695, 0.0000,
0.7648

209.5230, 0.2962,

 0.0000, 0.0000,

0.3432

0.0000

254.7865, 0.2972,
0.3423

■ 30.9136, 0.2813,
0.3562

■ 30.9136, 0.2813,
0.3562

■ 29.8069, 0.2728,
0.3666

■ 32.2183, 0.2908,
0.3466

■ 28.8842, 0.2655,
0.3776

■ 33.7267, 0.3010,
0.3378

■ 28.1356, 0.2597,
0.3892


■ 35.4489, 0.3116,
0.3298


■ 27.5488, 0.2557,
0.4011


■ 37.3932, 0.3224,
0.3226

■ 27.1096, 0.2536,
0.4132

■ 39.5673, 0.3332,
0.3162


 26.8014, 0.2534,
0.4252

 41.9789, 0.3439,
0.3106

 26.6017, 0.2544,
0.4359

 44.6350, 0.3544,
0.3056

 47.5424, 0.3645,
0.3013

 50.5299, 0.3733,
0.2974

Harmonies

Analogous

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



30.9136, 0.3123, 0.3801



30.9136, 0.2813, 0.3562



30.9136, 0.2594, 0.3247

Triad

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



30.9136, 0.2813, 0.3562



30.9136, 0.2795, 0.2753



30.9136, 0.3782, 0.3562

Complementary

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



30.9136, 0.2813, 0.3562



20.4873, 0.3589, 0.3036

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.



30.9136, 0.3688, 0.3292



30.9136, 0.2813, 0.3562



30.9136, 0.3104, 0.2842

Square

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



30.9136, 0.2813, 0.3562



30.9136, 0.2585, 0.2793



30.9136, 0.3435, 0.3035



30.9136, 0.3690, 0.3780

Rectangle

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



30.9136, 0.2813, 0.3562



30.9136, 0.2523, 0.3051



30.9136, 0.3435, 0.3035



30.9136, 0.3772, 0.3474

Sweetspot

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



30.9149, 0.2813, 0.3562



60.9484, 0.3029, 0.3362



31.2029, 0.3243, 0.4135



13.2784, 0.3015, 0.3374



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



30.9149, 0.2813, 0.3562



54.0072, 0.2755, 0.3630



28.6301, 0.2676, 0.3149



7.9724, 0.3028, 0.3363



21.2541, 0.2542, 0.4350



0.4546, 0.2422, 0.3917

Inverse Universe

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



20.4873, 0.3589, 0.3036



32.4186, 0.3730, 0.2979



22.0056, 0.3769, 0.3426



7.1217, 0.3237, 0.3218



6.2536, 0.5641, 0.2881



0.1397, 0.4678, 0.2350

Previews

White Background



This preview shows how the Yxy color 30.9136, 0.2813, 0.3562 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 30.9136, 0.2813, 0.3562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

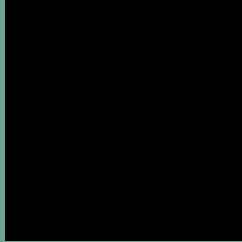
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

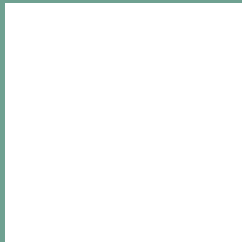
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 30.9136, 0.2813, 0.3562

Background



This preview shows how black text looks on a background with the Yxy color 30.9136, 0.2813, 0.3562.



This preview shows how white text looks on a background with the Yxy color 30.9136, 0.2813, 0.3562.

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

30.9136, 0.2813, 0.3562

Protanopia

30.7447, 0.3295, 0.3461

Deuteranopia

30.4959, 0.3320, 0.3246



Tritanopia

30.7292, 0.2657, 0.3079

Trichromacy



Original Color

30.9136, 0.2813, 0.3562

Protanomaly

30.6097, 0.3107, 0.3500

Deuteranomaly

30.3508, 0.3114, 0.3353

Tritanomaly

30.6043, 0.2709, 0.3239

Monochromacy



Original Color

30.9136, 0.2813, 0.3562

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

28.7318, 0.3003, 0.3389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.9136, 0.2813, 0.3562 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(111, 161, 145)` looks like.

```
.text, #text, p{  
    color:rgb(111, 161, 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(111, 161, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 161, 145) }
```

Border

The CSS property to change the border of an element to Yxy 30.9136, 0.2813, 0.3562 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(111, 161, 145) }
```

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

```
.border{ border-color:rgb(111, 161, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 161, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 161, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 161, 145);  
box-shadow:4px 4px 4px 4px rgb(111, 161,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 30.9136, 0.2813, 0.3562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 161, 145) }
```

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

```
.background{ background-color: rgb(111,  
161, 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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