

Converting Colors

$Yxy(28.3014, 0.2944, 0.3523)$

Have a look what the booklet for
Yxy(28.3014, 0.2944, 0.3523)
contains.

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Color

$\text{Yxy}(28.3564, 0.2951, 0.3530)$

Conversions

Conversions Part 1

Format	Color
Hex	79988A
RGB	121, 152, 138
RGB Percent	47%, 60%, 54%
CMY	0.5253, 0.4039, 0.4588
CMYK	0.20, 0.00, 0.09, 0.40
HSL	153°, 13%, 54%
HSV	153°, 20%, 60%
XYZ	23.7053, 28.3564, 28.2680
YIQ	141.1350, -13.9820, -10.9260

Conversions

Conversions Part 2

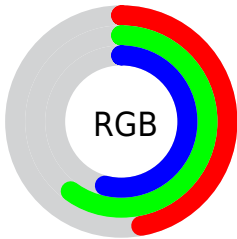
Format	Color
RYB	121, 141, 152
Decimal	7968906
CIELab	60.21, -13.76, 3.81
CIELCh	60, 14.275, 164.529
Yxy	28.3564, 0.2951, 0.3530
Android (android.graphics.Color)	4286158986 (0xFF79988A)
YUV	141.1350, -1.5456, -17.6584
Hunter-Lab	53.2507, -13.7270, 5.8015

Details

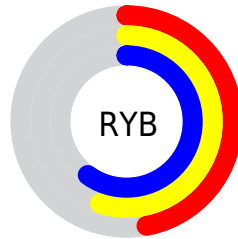
The Yxy color $28.3564, 0.2951, 0.3530$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $22.1109, 0.3347, 0.3062$, and the grayscale version is $26.7056, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.9029, 0.2992, 0.3480$, and $11.3897, 0.2891, 0.3624$ is the 20% darker color. If you saturate the color by 10%, you get $27.1513, 0.2871, 0.3667$, and if you desaturate by 10%, it is $29.7495, 0.3036, 0.3406$.

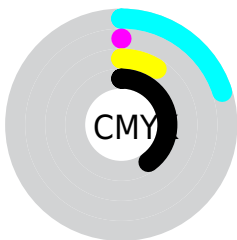
Distribution



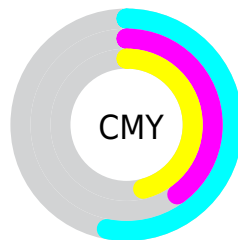
- Red (47%)
- Green (60%)
- Blue (54%)



- Red (47%)
- Yellow (55%)
- Blue (60%)



- Cyan (20%)
- Magenta (0%)
- Yellow (9%)
- Black (40%)





- Cyan (53%)
- Magenta (40%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.3564, 0.2951, 0.3530 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 28.3564, 0.2951, 0.3530 by changing the saturation by 10% instead.


 28.3564, 0.2951,
0.3530


 28.3564, 0.2951,
0.3530


294.1660, 0.3047,
0.3398

 18.5945, 0.2924,
0.3568


 57.0529, 0.2988,
0.3479

 11.3776, 0.2887,
0.3619


 76.7564, 0.3002,
0.3461

 6.3214, 0.2833,
0.3694


 100.5424, 0.3012,
0.3446

 3.0415, 0.2748,
0.3814

128.7955, 0.3022,
0.3433

 1.1534, 0.2585,
0.4038

161.9000, 0.3030,
0.3422

 0.0232, 0.0000,
1.0000

200.2404, 0.3036,

 0.0000, 0.0000,

0.3413

0.0000

244.2009, 0.3042,
0.3405

■ 28.3564, 0.2951,
0.3530

■ 28.3564, 0.2951,
0.3530

■ 27.1513, 0.2871,
0.3667

■ 29.7495, 0.3036,
0.3406

■ 26.1223, 0.2799,
0.3815

■ 31.3349, 0.3124,
0.3294

■ 25.2617, 0.2737,
0.3974

■ 33.1211, 0.3212,
0.3194

■ 24.5597, 0.2689,
0.4141

■ 35.1149, 0.3300,
0.3105

■ 24.0055, 0.2658,
0.4314

■ 37.3229, 0.3386,
0.3027

■ 23.5868, 0.2645,
0.4487

■ 39.7516, 0.3469,
0.2959

■ 23.2894, 0.2652,
0.4658

■ 42.4069, 0.3549,
0.2899

■ 23.0831, 0.2672,
0.4819

■ 45.2946, 0.3625,
0.2846

■ 47.8777, 0.3672,
0.2796

Harmonies

Analogous

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



28.3564, 0.3183, 0.3675



28.3564, 0.2951, 0.3530



28.3564, 0.2770, 0.3316

Triad

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



28.3564, 0.2951, 0.3530



28.3564, 0.2845, 0.2897



28.3564, 0.3592, 0.3448

Complementary

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



28.3564, 0.2951, 0.3530



22.1109, 0.3347, 0.3062

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.



28.3564, 0.3495, 0.3249



28.3564, 0.2951, 0.3530



28.3564, 0.3057, 0.2939

Square

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



28.3564, 0.2951, 0.3530



28.3564, 0.2711, 0.2954



28.3564, 0.3296, 0.3066



28.3564, 0.3558, 0.3616

Rectangle

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



28.3564, 0.2951, 0.3530



28.3564, 0.2701, 0.3170



28.3564, 0.3296, 0.3066



28.3564, 0.3573, 0.3383

Sweetspot

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



28.3576, 0.2951, 0.3530



53.6613, 0.3073, 0.3357



29.0274, 0.3249, 0.3810



12.1598, 0.3068, 0.3363



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



28.3576, 0.2951, 0.3530



49.1456, 0.2917, 0.3585



28.4560, 0.2831, 0.3272



6.9794, 0.3046, 0.3392



19.3628, 0.2669, 0.4808



0.2968, 0.2472, 0.4098

Inverse Universe

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



22.1109, 0.3347, 0.3062



36.2718, 0.3402, 0.3014



21.9943, 0.3515, 0.3308



6.2668, 0.3216, 0.3190



5.9608, 0.5111, 0.2589



0.0963, 0.4178, 0.2075

Previews

White Background



This preview shows how the Yxy color 28.3564, 0.2951, 0.3530 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3564, 0.2951, 0.3530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

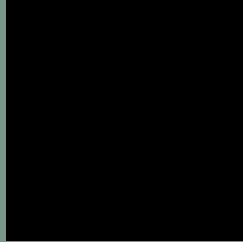
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.3564, 0.2951, 0.3530

Background



This preview shows how black text looks on a background with the Yxy color 28.3564, 0.2951, 0.3530.

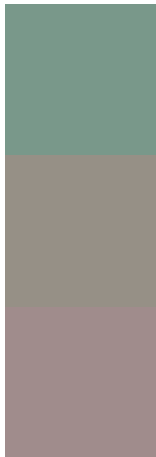


This preview shows how white text looks on a background with the Yxy color 28.3564, 0.2951, 0.3530.

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

28.3564, 0.2951, 0.3530

Protanopia

28.1518, 0.3292, 0.3451

Deuteranopia

28.1232, 0.3347, 0.3291



Tritanopia

28.4281, 0.2789, 0.3093

Trichromacy



Original Color

28.3564, 0.2951, 0.3530

Protanomaly

28.1057, 0.3159, 0.3489

Deuteranomaly

27.9216, 0.3198, 0.3371

Tritanomaly

28.3977, 0.2848, 0.3239

Monochromacy



Original Color

28.3564, 0.2951, 0.3530

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

27.2126, 0.3061, 0.3374

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.3564, 0.2951, 0.3530 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(121, 152, 138)` looks like.

```
.text, #text, p{  
    color:rgb(121, 152, 138)  
}
```

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(121, 152, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 152, 138) }
```

Border

The CSS property to change the border of an element to Yxy 28.3564, 0.2951, 0.3530 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(121, 152, 138) }
```

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

```
.border{ border-color:rgb(121, 152, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 152, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 152, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 152, 138);  
box-shadow:4px 4px 4px 4px rgb(121, 152,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 28.3564, 0.2951, 0.3530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 152, 138) }
```

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

```
.background{ background-color: rgb(121,  
152, 138) }
```

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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