

Converting Colors

$Y_{xy}(14.6182, 0.2820, 0.3563)$

Have a look what the booklet for
Yxy(14.6182, 0.2820, 0.3563)
contains.

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Color

Yxy(14.6136, 0.2822, 0.3568)

Conversions

Conversions Part 1

Format	Color
Hex	4E7266
RGB	78, 114, 102
RGB Percent	31%, 45%, 40%
CMY	0.6941, 0.5529, 0.5999
CMYK	0.32, 0.00, 0.11, 0.55
HSL	160°, 19%, 38%
HSV	160°, 32%, 45%
XYZ	11.5582, 14.6136, 14.7856
YIQ	101.8680, -17.6040, -11.3640

Conversions

Conversions Part 2

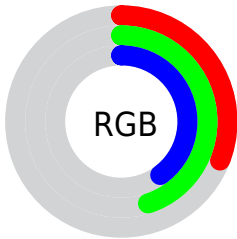
Format	Color
R_{YB}	78, 100, 114
Decimal	5141094
CIE _{Lab}	45.10, -15.65, 2.55
CIE _{LCh}	45, 15.854, 170.758
Y _{xy}	14.6136, 0.2822, 0.3568
Android (android.graphics.Color)	4283331174 (0xFF4E7266)
YUV	101.8680, 0.0651, -20.9322
Hunter-Lab	38.2277, -12.9290, 3.8274

Details

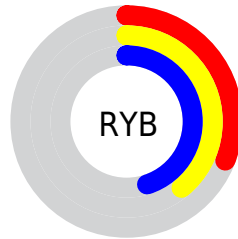
The Yxy color **14.6136, 0.2822, 0.3568** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **9.7648, 0.3572, 0.3030**, and the grayscale version is **13.2547, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.1615, 0.2896, 0.3497**, and **4.4636, 0.2675, 0.3728** is the 20% darker color. If you saturate the color by 10%, you get **14.1001, 0.2740, 0.3672**, and if you desaturate by 10%, it is **15.2153, 0.2913, 0.3471**.

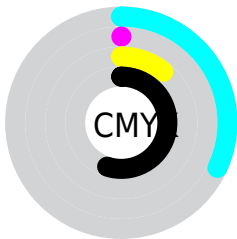
Distribution



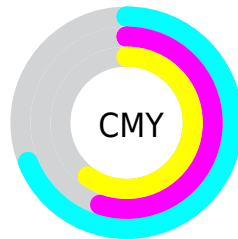
- Red (31%)
- Green (45%)
- Blue (40%)



- Red (31%)
- Yellow (39%)
- Blue (45%)



- Cyan (32%)
- Magenta (0%)
- Yellow (11%)
- Black (55%)





- Cyan (69%)
- Magenta (55%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.6136, 0.2822, 0.3568 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 14.6136, 0.2822, 0.3568 by changing the saturation by 10% instead.


 14.6136, 0.2822,
0.3568


 14.6136, 0.2822,
0.3568


221.0154, 0.3005,
0.3400


 8.5487, 0.2762,
0.3624


 34.1739, 0.2898,
0.3498


 4.4480, 0.2672,
0.3709

 48.4380, 0.2923,
0.3475


 1.9272, 0.2523,
0.3852

 66.2040, 0.2944,
0.3456

 0.5646, 0.1338,
0.4884

 87.8562, 0.2960,
0.3441

 0.0000, 0.0000,
0.0000

 113.7790, 0.2974,
0.3428

144.3569, 0.2986,

0.3417

179.9742, 0.2996,
0.3408

■ 14.6136, 0.2822,
0.3568

■ 14.6136, 0.2822,
0.3568

■ 14.1001, 0.2740,
0.3672

■ 15.2153, 0.2913,
0.3471

■ 13.6685, 0.2669,
0.3783

■ 15.9074, 0.3010,
0.3383

■ 13.3148, 0.2612,
0.3899

■ 16.6942, 0.3111,
0.3302

■ 13.0337, 0.2571,
0.4019

■ 17.5794, 0.3214,
0.3229

■ 12.8193, 0.2548,
0.4141

■ 18.5663, 0.3317,
0.3164

■ 12.6647, 0.2544,
0.4263

■ 19.6581, 0.3419,
0.3107

■ 12.5571, 0.2546,
0.4366

■ 20.8579, 0.3518,
0.3056

■ 22.1687, 0.3615,
0.3011

■ 23.5933, 0.3708,
0.2972

Harmonies

Analogous

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



14.6136, 0.3132, 0.3802



14.6136, 0.2822, 0.3568



14.6136, 0.2601, 0.3256

Triad

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



14.6136, 0.2822, 0.3568



14.6136, 0.2790, 0.2756



14.6136, 0.3778, 0.3554

Complementary

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



14.6136, 0.2822, 0.3568



9.7648, 0.3572, 0.3030

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.



14.6136, 0.3680, 0.3285



14.6136, 0.2822, 0.3568



14.6136, 0.3096, 0.2841

Square

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



14.6136, 0.2822, 0.3568



14.6136, 0.2584, 0.2799



14.6136, 0.3425, 0.3030



14.6136, 0.3691, 0.3773

Rectangle

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



14.6136, 0.2822, 0.3568



14.6136, 0.2528, 0.3059



14.6136, 0.3425, 0.3030



14.6136, 0.3766, 0.3466

Sweetspot

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



14.6142, 0.2822, 0.3568



28.2627, 0.3033, 0.3363



14.7586, 0.3242, 0.4121



6.5008, 0.3022, 0.3373



58.7016, 0.3127, 0.3290



6.8385, 0.3127, 0.3290

Same Dimension

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



14.6142, 0.2822, 0.3568



24.9982, 0.2760, 0.3644



13.5601, 0.2682, 0.3151



3.7972, 0.3036, 0.3361



13.9753, 0.2548, 0.4372



69.4522, 0.2566, 0.4438

Inverse Universe

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



9.7648, 0.3572, 0.3030



15.0234, 0.3719, 0.2967



10.4687, 0.3756, 0.3424



3.4181, 0.3228, 0.3220



4.1349, 0.5548, 0.2830



20.4525, 0.5687, 0.2907

Previews

White Background



This preview shows how the Yxy color 14.6136, 0.2822, 0.3568 looks on a white 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

Black Background



This preview shows how the Yxy color 14.6136, 0.2822, 0.3568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

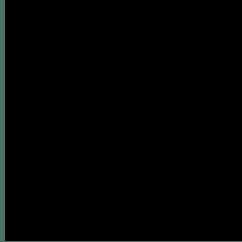
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.6136, 0.2822, 0.3568

Background



This preview shows how black text looks on a background with the Yxy color 14.6136, 0.2822, 0.3568.

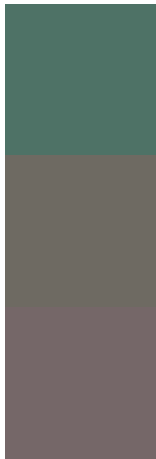


This preview shows how white text looks on a background with the Yxy color 14.6136, 0.2822, 0.3568.

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

14.6136, 0.2822, 0.3568

Protanopia

14.5049, 0.3289, 0.3460

Deuteranopia

14.4819, 0.3316, 0.3270



Tritanopia

14.5188, 0.2672, 0.3090

Trichromacy



Original Color

14.6136, 0.2822, 0.3568

Protanomaly

14.4348, 0.3103, 0.3511

Deuteranomaly

14.3782, 0.3123, 0.3376

Tritanomaly

14.5299, 0.2735, 0.3266

Monochromacy



Original Color

14.6136, 0.2822, 0.3568

Achromatopsia

13.2868, 0.3127, 0.3290

Achromatomaly

13.5945, 0.3000, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.6136, 0.2822, 0.3568 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(78, 114, 102)` looks like.

```
.text, #text, p{  
    color:rgb(78, 114, 102)  
}
```

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(78, 114, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 114, 102) }
```

Border

The CSS property to change the border of an element to Yxy 14.6136, 0.2822, 0.3568 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(78, 114, 102) }
```

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

```
.border{ border-color:rgb(78, 114, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 114, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 114, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 114, 102);  
box-shadow:4px 4px 4px 4px rgb(78, 114,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 14.6136, 0.2822, 0.3568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 114, 102) }
```

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

```
.background{ background-color: rgb(78, 114,  
102) }
```

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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