

Converting Colors

$Y_{xy}(14.2701, 0.3290, 0.3936)$

Have a look what the booklet for
Yxy(14.2701, 0.3290, 0.3936)
contains.

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Color

Yxy(14.2479, 0.3287, 0.3928)

Conversions

Conversions Part 1

Format	Color
Hex	606E52
RGB	96, 110, 82
RGB Percent	38%, 43%, 32%
CMY	0.6235, 0.5686, 0.6785
CMYK	0.13, 0.00, 0.25, 0.57
HSL	90°, 15%, 38%
HSV	90°, 25%, 43%
XYZ	11.9228, 14.2479, 10.1019
YIQ	102.6220, 0.6440, -11.6760

Conversions

Conversions Part 2

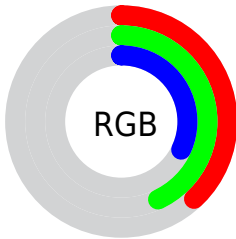
Format	Color
R_{YB}	82, 110, 96
Decimal	6319698
CIE _{Lab}	44.59, -10.85, 13.92
CIE _{LCh}	45, 17.650, 127.949
Yxy	14.2479, 0.3287, 0.3928
Android (android.graphics.Color)	4284509778 (0xFF606E52)
YUV	102.6220, -10.1666, -5.8075
Hunter-Lab	37.7464, -9.6740, 10.5549

Details

The Yxy color **14.2479, 0.3287, 0.3928** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **9.6448, 0.2931, 0.2653**, and the grayscale version is **13.4861, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.7096, 0.3249, 0.3761**, and **4.2318, 0.3341, 0.4254** is the 20% darker color. If you saturate the color by 10%, you get **13.8065, 0.3344, 0.4205**, and if you desaturate by 10%, it is **14.7383, 0.3225, 0.3664**.

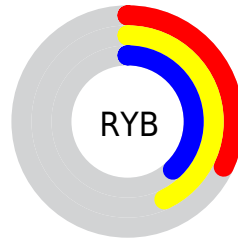
Distribution



Red (38%)

Green (43%)

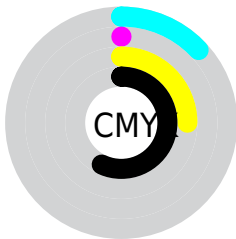
Blue (32%)



Red (32%)

Yellow (43%)

Blue (38%)

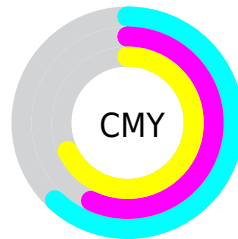


Cyan (13%)

Magenta (0%)

Yellow (25%)

Black (57%)



Cyan (62%)


Magenta (57%)

Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.2479, 0.3287, 0.3928 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 14.2479, 0.3287, 0.3928 by changing the saturation by 10% instead.


 14.2479, 0.3287,
0.3928


 14.2479, 0.3287,
0.3928


218.7676, 0.3197,
0.3538


 8.2933, 0.3313,
0.4062

 33.5282, 0.3252,
0.3763


 4.2832, 0.3346,
0.4266

 47.6228, 0.3239,
0.3709

 1.8332, 0.3396,
0.4624

 65.1994, 0.3229,
0.3666

 0.5077, 0.3000,
0.7000

 86.6425, 0.3220,
0.3631

 0.0000, 0.0000,
0.0000

 112.3365, 0.3213,
0.3601

142.6657, 0.3207,

0.3577

178.0146, 0.3202,
0.3556

■ 14.2479, 0.3287,
0.3928

■ 14.2479, 0.3287,
0.3928

■ 13.8065, 0.3344,
0.4205

■ 14.7383, 0.3225,
0.3664

■ 13.4104, 0.3394,
0.4489

■ 15.2773, 0.3162,
0.3417

■ 13.0585, 0.3432,
0.4768

■ 15.8672, 0.3099,
0.3189

■ 12.7489, 0.3455,
0.5033

■ 16.5094, 0.3037,
0.2982

■ 12.4793, 0.3460,
0.5268

■ 17.2052, 0.2978,
0.2795

■ 12.2474, 0.3445,
0.5464

■ 17.9561, 0.2922,
0.2627

■ 12.0489, 0.3413,
0.5616

■ 18.7632, 0.2869,
0.2476

■ 11.9657, 0.3398,
0.5684

■ 19.6277, 0.2820,
0.2341

■ 20.5510, 0.2774,
0.2220

Harmonies

Analogous

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



14.2479, 0.3620, 0.3918



14.2479, 0.3287, 0.3928



14.2479, 0.2924, 0.3735

Triad

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



14.2479, 0.3287, 0.3928



14.2479, 0.2469, 0.2805



14.2479, 0.3643, 0.3156

Complementary

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



14.2479, 0.3287, 0.3928



9.6448, 0.2931, 0.2653

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.



14.2479, 0.3306, 0.2899



14.2479, 0.3287, 0.3928



14.2479, 0.2635, 0.2696

Square

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



14.2479, 0.3287, 0.3928



14.2479, 0.2465, 0.3057



14.2479, 0.2935, 0.2733



14.2479, 0.3838, 0.3455

Rectangle

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



14.2479, 0.3287, 0.3928



14.2479, 0.2714, 0.3521



14.2479, 0.2935, 0.2733



14.2479, 0.3542, 0.3063

Sweetspot

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



14.2485, 0.3287, 0.3928



26.5600, 0.3179, 0.3483



12.2042, 0.3557, 0.3590



6.1536, 0.3187, 0.3512



57.0482, 0.3127, 0.3290



6.3724, 0.3127, 0.3290

Same Dimension

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



14.2485, 0.3287, 0.3928



24.5188, 0.3324, 0.4103



13.5758, 0.3102, 0.3965



3.8375, 0.3184, 0.3502



14.3565, 0.3392, 0.5689



71.0030, 0.3354, 0.5719

Inverse Universe

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



9.6448, 0.2931, 0.2653



14.8521, 0.2870, 0.2479



10.4440, 0.3147, 0.2694



3.3747, 0.3066, 0.3078



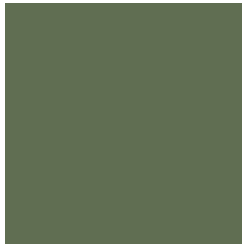
2.3095, 0.2059, 0.0908



10.9917, 0.2005, 0.0878

Previews

White Background



This preview shows how the Yxy color 14.2479, 0.3287, 0.3928 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 14.2479, 0.3287, 0.3928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

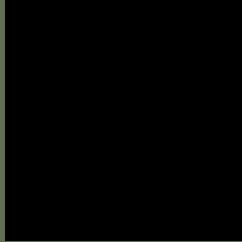
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

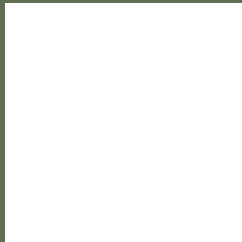
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 14.2479, 0.3287, 0.3928

Background



This preview shows how black text looks on a background with the Yxy color 14.2479, 0.3287, 0.3928.



This preview shows how white text looks on a background with the Yxy color 14.2479, 0.3287, 0.3928.

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

14.2479, 0.3287, 0.3928

Protanopia

14.1930, 0.3585, 0.3823

Deuteranopia

14.1584, 0.3704, 0.3636



Tritanopia

14.2897, 0.2960, 0.3119

Trichromacy



Original Color

14.2479, 0.3287, 0.3928

Protanomaly

14.2353, 0.3471, 0.3858

Deuteranomaly

14.0359, 0.3548, 0.3738

Tritanomaly

14.1273, 0.3081, 0.3400

Monochromacy



Original Color

14.2479, 0.3287, 0.3928

Achromatopsia

13.5633, 0.3127, 0.3290

Achromatomaly

13.8436, 0.3186, 0.3535

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.2479, 0.3287, 0.3928 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(96, 110, 82) looks like.

```
.text, #text, p{  
    color:rgb(96, 110, 82)  
}
```

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(96, 110, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 110, 82) }
```

Border

The CSS property to change the border of an element to Yxy 14.2479, 0.3287, 0.3928 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(96, 110, 82) }
```

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

```
.border{ border-color:rgb(96, 110, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 110, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 110, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 110, 82);  
box-shadow:4px 4px 4px 4px rgb(96, 110,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 14.2479, 0.3287, 0.3928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 110, 82) }
```

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

```
.background{ background-color: rgb(96, 110,  
82) }
```

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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