

Converting Colors

$Yxy(14.0455, 0.2578, 0.3517)$

Have a look what the booklet for
Yxy(14.0455, 0.2578, 0.3517)
contains.

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Color

Yxy(14.1221, 0.2579, 0.3532)

Conversions

Conversions Part 1

Format	Color
Hex	387369
RGB	56, 115, 105
RGB Percent	22%, 45%, 41%
CMY	0.7804, 0.5490, 0.5882
CMYK	0.51, 0.00, 0.09, 0.55
HSL	170°, 35%, 34%
HSV	170°, 51%, 45%
XYZ	10.3117, 14.1221, 15.5495
YIQ	96.2190, -31.9540, -15.6180

Conversions

Conversions Part 2

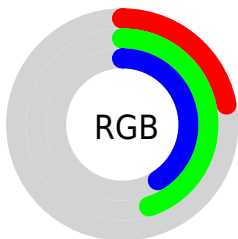
Format	Color
R_{YB}	56, 88, 115
Decimal	3699561
CIE _{Lab}	44.41, -21.91, -0.39
CIE _{LCh}	44, 21.911, 181.017
Yxy	14.1221, 0.2579, 0.3532
Android (android.graphics.Color)	4281889641 (0xFF387369)
YUV	96.2190, 4.3290, -35.2721
Hunter-Lab	37.5794, -16.7840, 1.7727

Details

The Yxy color **14.1221, 0.2579, 0.3532** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6.8665, 0.4243, 0.3077**, and the grayscale version is **11.7486, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.2259, 0.2717, 0.3471**, and **4.2019, 0.2341, 0.3627** is the 20% darker color. If you saturate the color by 10%, you get **13.7889, 0.2509, 0.3588**, and if you desaturate by 10%, it is **14.5335, 0.2664, 0.3478**.

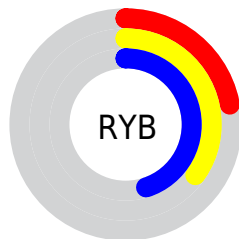
Distribution



Red (22%)

Green (45%)

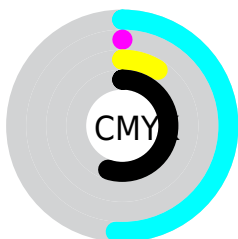
Blue (41%)



Red (22%)

Yellow (35%)

Blue (45%)

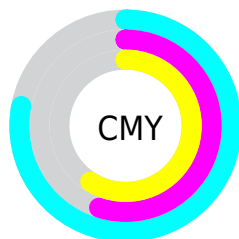


Cyan (51%)

Magenta (0%)

Yellow (9%)

Black (55%)



Cyan (78%)

Magenta (55%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.1221, 0.2579, 0.3532 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 14.1221, 0.2579, 0.3532 by changing the saturation by 10% instead.

14.1221, 0.2579,
0.3532

14.1221, 0.2579,
0.3532

217.9891, 0.2905,
0.3389

8.2056, 0.2473,
0.3578

33.3055, 0.2714,
0.3473

4.2268, 0.2316,
0.3647

47.3413, 0.2759,
0.3453

1.8012, 0.2062,
0.3756

64.8522, 0.2795,
0.3437

0.4879, 0.0000,
0.4663

86.2228, 0.2825,
0.3424

0.0000, 0.0000,
0.0000

111.8374, 0.2850,
0.3413

142.0804, 0.2871,

0.3404

177.3361, 0.2889,
0.3396

■ 14.1221, 0.2579,
0.3532

■ 14.1221, 0.2579,
0.3532

■ 13.7889, 0.2509,
0.3588

■ 14.5335, 0.2664,
0.3478

■ 13.5270, 0.2455,
0.3645

■ 15.0261, 0.2762,
0.3427

■ 13.3308, 0.2420,
0.3703

■ 15.6051, 0.2871,
0.3380

■ 13.1935, 0.2401,
0.3761

■ 16.2743, 0.2988,
0.3336

■ 13.0976, 0.2392,
0.3811

■ 17.0378, 0.3111,
0.3295

■ 17.8990, 0.3237,
0.3258

■ 18.8614, 0.3364,
0.3225

■ 19.9282, 0.3491,
0.3196

■ 21.1025, 0.3617,
0.3170

Harmonies

Analogous

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



14.1221, 0.2970, 0.3930



14.1221, 0.2579, 0.3532



14.1221, 0.2342, 0.3085

Triad

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



14.1221, 0.2579, 0.3532



14.1221, 0.2790, 0.2584



14.1221, 0.4024, 0.3755

Complementary

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



14.1221, 0.2579, 0.3532



6.8665, 0.4243, 0.3077

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.



14.1221, 0.3980, 0.3398



14.1221, 0.2579, 0.3532



14.1221, 0.3237, 0.2752

Square

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



14.1221, 0.2579, 0.3532



14.1221, 0.2457, 0.2574



14.1221, 0.3684, 0.3042



14.1221, 0.3812, 0.4028

Rectangle

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



14.1221, 0.2579, 0.3532



14.1221, 0.2292, 0.2839



14.1221, 0.3684, 0.3042



14.1221, 0.4039, 0.3641

Sweetspot

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



14.1227, 0.2579, 0.3532



28.6316, 0.2940, 0.3353



13.7341, 0.3177, 0.4770



6.7826, 0.2920, 0.3361



60.3827, 0.3127, 0.3290



7.3239, 0.3127, 0.3290

Same Dimension

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



14.1227, 0.2579, 0.3532



24.5710, 0.2495, 0.3601



10.5024, 0.2401, 0.2822



4.1451, 0.3015, 0.3326



14.9703, 0.2393, 0.3815



72.8427, 0.2402, 0.3846

Inverse Universe

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



6.8665, 0.4243, 0.3077



9.9506, 0.4690, 0.3044



8.9198, 0.4262, 0.3698



3.7101, 0.3252, 0.3254



4.2200, 0.6080, 0.3123



20.4750, 0.6186, 0.3181

Previews

White Background



This preview shows how the Yxy color 14.1221, 0.2579, 0.3532 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 14.1221, 0.2579, 0.3532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

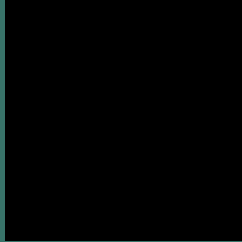
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.1221, 0.2579, 0.3532

Background



This preview shows how black text looks on a background with the Yxy color 14.1221, 0.2579, 0.3532.



This preview shows how white text looks on a background with the Yxy color 14.1221, 0.2579, 0.3532.

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

14.1221, 0.2579, 0.3532

Protanopia

13.9896, 0.3251, 0.3398

Deuteranopia

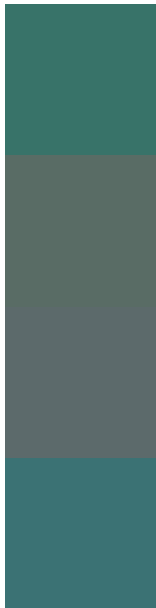
13.9008, 0.3206, 0.3145



Tritanopia

14.2075, 0.2460, 0.3081

Trichromacy



Original Color

14.1221, 0.2579, 0.3532

Protanomaly

13.7886, 0.2960, 0.3450

Deuteranomaly

13.6449, 0.2926, 0.3267

Tritanomaly

14.2254, 0.2500, 0.3241

Monochromacy



Original Color

14.1221, 0.2579, 0.3532

Achromatopsia

11.6971, 0.3127, 0.3290

Achromatomaly

12.3507, 0.2877, 0.3385

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.1221, 0.2579, 0.3532 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(56, 115, 105)` looks like.

```
.text, #text, p{  
    color:rgb(56, 115, 105)  
}
```

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(56, 115, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 115, 105) }
```

Border

The CSS property to change the border of an element to Yxy 14.1221, 0.2579, 0.3532 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(56, 115, 105) }
```

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

```
.border{ border-color:rgb(56, 115, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 115, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 115, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 115, 105);  
box-shadow:4px 4px 4px 4px rgb(56, 115,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 14.1221, 0.2579, 0.3532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 115, 105) }
```

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

```
.background{ background-color: rgb(56, 115,  
105) }
```

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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