

Converting Colors

$Yxy(40.3433, 0.2920, 0.3547)$

Have a look what the booklet for
Yxy(40.3433, 0.2920, 0.3547)
contains.

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Color

Yxy(40.2521, 0.2916, 0.3544)

Conversions

Conversions Part 1

Format	Color
Hex	8AB3A2
RGB	138, 179, 162
RGB Percent	54%, 70%, 64%
CMY	0.4589, 0.2980, 0.3647
CMYK	0.23, 0.00, 0.10, 0.30
HSL	155°, 21%, 62%
HSV	155°, 23%, 70%
XYZ	33.1194, 40.2521, 40.2067
YIQ	164.8030, -18.9790, -13.9790

Conversions

Conversions Part 2

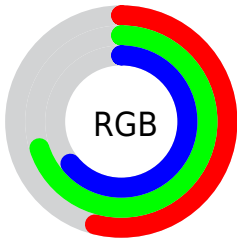
Format	Color
RYB	138, 164, 179
Decimal	9089954
CIELab	69.65, -17.33, 4.18
CIElCh	70, 17.829, 166.426
Yxy	40.2521, 0.2916, 0.3544
Android (android.graphics.Color)	4287280034 (0xFF8AB3A2)
YUV	164.8030, -1.3819, -23.5062
Hunter-Lab	63.4445, -17.8472, 6.8374

Details

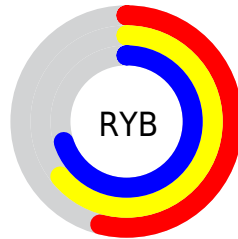
The Yxy color **40.2521, 0.2916, 0.3544** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **30.1198, 0.3401, 0.3050**, and the grayscale version is **37.5394, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.6329, 0.2955, 0.3494**, and **18.0737, 0.2854, 0.3631** is the 20% darker color. If you saturate the color by 10%, you get **38.5949, 0.2833, 0.3674**, and if you desaturate by 10%, it is **42.1798, 0.3006, 0.3426**.

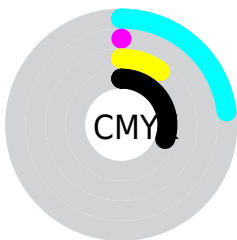
Distribution



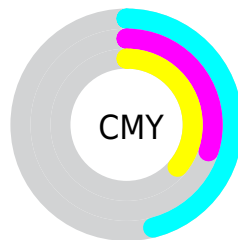
- Red (54%)
- Green (70%)
- Blue (64%)



- Red (54%)
- Yellow (64%)
- Blue (70%)



- Cyan (23%)
- Magenta (0%)
- Yellow (10%)
- Black (30%)





- Cyan (46%)
- Magenta (30%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.2521, 0.2916, 0.3544 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 40.2521, 0.2916, 0.3544 by changing the saturation by 10% instead.


 40.2521, 0.2916,
0.3544


 40.2521, 0.2916,
0.3544


347.1850, 0.3025,
0.3412

 27.7352, 0.2888,
0.3579


 75.5472, 0.2957,
0.3495

 18.1261, 0.2850,
0.3625


 99.0942, 0.2972,
0.3477

 11.0406, 0.2799,
0.3688


 127.0867, 0.2984,
0.3461

 6.0941, 0.2725,
0.3781

159.9091, 0.2995,
0.3448

 2.9024, 0.2608,
0.3929

197.9457, 0.3004,
0.3437

 1.0810, 0.2328,
0.4250

241.5809, 0.3012,

 0.0000, 0.0000,

0.3428

0.0000

291.1992, 0.3019,
0.3419

■ 40.2521, 0.2916,
0.3544

■ 40.2521, 0.2916,
0.3544

■ 38.5949, 0.2833,
0.3674

■ 42.1798, 0.3006,
0.3426

■ 37.1906, 0.2758,
0.3814

■ 44.3849, 0.3099,
0.3319

■ 36.0274, 0.2697,
0.3963

■ 46.8798, 0.3195,
0.3224

■ 35.0901, 0.2650,
0.4119

■ 49.6752, 0.3289,
0.3139

■ 34.3623, 0.2622,
0.4278

■ 52.7808, 0.3383,
0.3064

■ 33.8246, 0.2613,
0.4439

■ 56.2061, 0.3474,
0.2998

■ 33.4545, 0.2625,
0.4597

■ 58.3558, 0.3492,
0.2932

■ 33.2604, 0.2641,
0.4706

■ 58.7435, 0.3429,
0.2859

■ 59.1486, 0.3368,
0.2787

Harmonies

Analogous

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



40.2521, 0.3172, 0.3713



40.2521, 0.2916, 0.3544



40.2521, 0.2722, 0.3302

Triad

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



40.2521, 0.2916, 0.3544



40.2521, 0.2826, 0.2855



40.2521, 0.3646, 0.3477

Complementary

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



40.2521, 0.2916, 0.3544



30.1198, 0.3401, 0.3050

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.



40.2521, 0.3547, 0.3258



40.2521, 0.2916, 0.3544



40.2521, 0.3065, 0.2909

Square

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



40.2521, 0.2916, 0.3544



40.2521, 0.2672, 0.2909



40.2521, 0.3331, 0.3054



40.2521, 0.3599, 0.3661

Rectangle

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



40.2521, 0.2916, 0.3544



40.2521, 0.2650, 0.3141



40.2521, 0.3331, 0.3054



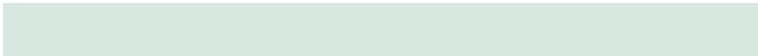
40.2521, 0.3629, 0.3405

Sweetspot

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



40.2538, 0.2916, 0.3544



77.7645, 0.3060, 0.3362



41.0539, 0.3247, 0.3893



17.1770, 0.3054, 0.3369



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



40.2538, 0.2916, 0.3544



70.3788, 0.2869, 0.3615



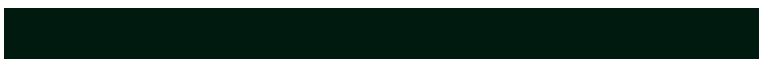
39.5461, 0.2790, 0.3239



9.5708, 0.3039, 0.3386



23.5137, 0.2636, 0.4688



0.7511, 0.2515, 0.4253

Inverse Universe

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



30.1198, 0.3401, 0.3050



48.7247, 0.3488, 0.2989



30.5847, 0.3578, 0.3341



8.5617, 0.3224, 0.3196



7.1358, 0.5284, 0.2685



0.2363, 0.4567, 0.2289

Previews

White Background



This preview shows how the Yxy color 40.2521, 0.2916, 0.3544 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 40.2521, 0.2916, 0.3544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

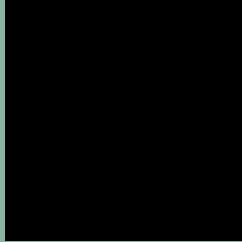
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.2521, 0.2916, 0.3544

Background



This preview shows how black text looks on a background with the Yxy color 40.2521, 0.2916, 0.3544.



This preview shows how white text looks on a background with the Yxy color 40.2521, 0.2916, 0.3544.

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

40.2521, 0.2916, 0.3544

Protanopia

40.0404, 0.3296, 0.3457

Deuteranopia

39.9589, 0.3347, 0.3277



Tritanopia

40.1737, 0.2757, 0.3090

Trichromacy



Original Color

40.2521, 0.2916, 0.3544

Protanomaly

40.0717, 0.3145, 0.3490

Deuteranomaly

39.6023, 0.3179, 0.3360

Tritanomaly

39.9681, 0.2813, 0.3245

Monochromacy



Original Color

40.2521, 0.2916, 0.3544

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

38.3983, 0.3042, 0.3377

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.2521, 0.2916, 0.3544 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(138, 179, 162)` looks like.

```
.text, #text, p{  
    color:rgb(138, 179, 162)  
}
```

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(138, 179, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 179, 162) }
```

Border

The CSS property to change the border of an element to Yxy 40.2521, 0.2916, 0.3544 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(138, 179, 162) }
```

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

```
.border{ border-color:rgb(138, 179, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 179, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 179, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 179, 162);  
box-shadow:4px 4px 4px 4px rgb(138, 179,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 40.2521, 0.2916, 0.3544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 179, 162) }
```

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

```
.background{ background-color: rgb(138,  
179, 162) }
```

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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