

Converting Colors

$Yxy(32.4558, 0.2608, 0.3927)$

Have a look what the booklet for
Yxy(32.4558, 0.2608, 0.3927)
contains.

Yxy(32.5045, 0.2604, 0.3921)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(32.5045, 0.2604, 0.3921)

Conversions

Conversions Part 1

Format	Color
Hex	43AC89
RGB	67, 172, 137
RGB Percent	26%, 67%, 54%
CMY	0.7370, 0.3255, 0.4627
CMYK	0.61, 0.00, 0.20, 0.33
HSL	160°, 44%, 47%
HSV	160°, 61%, 67%
XYZ	21.5868, 32.5045, 28.8072
YIQ	136.6150, -51.3450, -33.1450

Conversions

Conversions Part 2

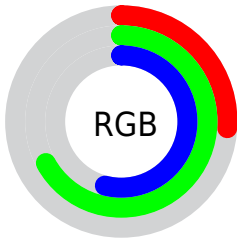
Format	Color
RYB	67, 130, 172
Decimal	4435081
CIELab	63.76, -38.72, 9.12
CIELCh	64, 39.782, 166.748
Yxy	32.5045, 0.2604, 0.3921
Android (android.graphics.Color)	4282625161 (0xFF43AC89)
YUV	136.6150, 0.1898, -61.0524
Hunter-Lab	57.0127, -32.1867, 9.9510

Details

The Yxy color **32.5045, 0.2604, 0.3921** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **13.7535, 0.4347, 0.2790**, and the grayscale version is **24.8851, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.5645, 0.2714, 0.3792**, and **13.8818, 0.2486, 0.4149** is the 20% darker color. If you saturate the color by 10%, you get **31.8246, 0.2565, 0.4046**, and if you desaturate by 10%, it is **33.3763, 0.2661, 0.3799**.

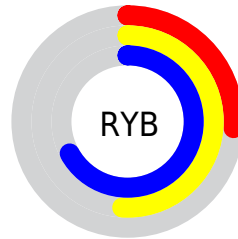
Distribution



Red (26%)

Green (67%)

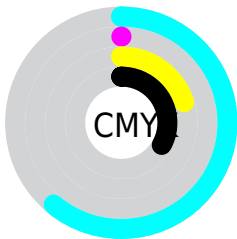
Blue (54%)



Red (26%)

Yellow (51%)

Blue (67%)

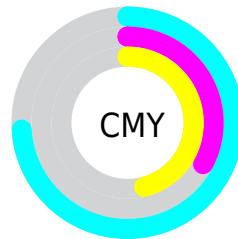


Cyan (61%)

Magenta (0%)

Yellow (20%)

Black (33%)



Cyan (74%)


Magenta (33%)

Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.5045, 0.2604, 0.3921 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 32.5045, 0.2604, 0.3921 by changing the saturation by 10% instead.

 32.5045, 0.2604,
0.3921


 32.5045, 0.2604,
0.3921


313.4110, 0.2886,
0.3574


 21.7471, 0.2526,
0.4019


 63.6012, 0.2712,
0.3787


 13.6712, 0.2422,
0.4154


 84.7092, 0.2751,
0.3739

 7.8923, 0.2274,
0.4347


 110.0363, 0.2783,
0.3700

 4.0261, 0.2050,
0.4651

 139.9669, 0.2810,
0.3666

 1.6882, 0.1564,
0.5255

 174.8852, 0.2833,
0.3638

 0.4160, 0.0000,
1.0000

215.1757, 0.2853,

 0.0000, 0.0000,

0.3614

0.0000

261.2229, 0.2871,
0.3593

■ 32.5045, 0.2604,
0.3921

■ 32.5045, 0.2604,
0.3921

■ 31.8246, 0.2565,
0.4046

■ 33.3763, 0.2661,
0.3799

■ 31.3160, 0.2546,
0.4173

■ 34.4508, 0.2732,
0.3684

■ 30.9604, 0.2546,
0.4299

■ 35.7425, 0.2817,
0.3575

■ 30.7332, 0.2559,
0.4412

■ 37.2632, 0.2911,
0.3474

■ 39.0242, 0.3012,
0.3381

■ 41.0359, 0.3116,
0.3298

■ 43.3080, 0.3223,
0.3223

■ 45.8499, 0.3330,
0.3156

■ 48.6701, 0.3435,
0.3097

Harmonies

Analogous

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



32.5045, 0.3186, 0.4365



32.5045, 0.2604, 0.3921



32.5045, 0.2189, 0.3276

Triad

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



32.5045, 0.2604, 0.3921



32.5045, 0.2430, 0.2317



32.5045, 0.4377, 0.3663

Complementary

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



32.5045, 0.2604, 0.3921



13.7535, 0.4347, 0.2790

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.



32.5045, 0.4147, 0.3183



32.5045, 0.2604, 0.3921



32.5045, 0.2966, 0.2448

Square

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



32.5045, 0.2604, 0.3921



32.5045, 0.2103, 0.2399



32.5045, 0.3607, 0.2755



32.5045, 0.4228, 0.4112

Rectangle

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



32.5045, 0.2604, 0.3921



32.5045, 0.2047, 0.2884



32.5045, 0.3607, 0.2755



32.5045, 0.4342, 0.3502

Sweetspot

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



32.5058, 0.2604, 0.3921



68.4177, 0.2937, 0.3448



32.8404, 0.3309, 0.5066



14.6826, 0.2909, 0.3475



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



32.5058, 0.2604, 0.3921



57.3997, 0.2557, 0.4088



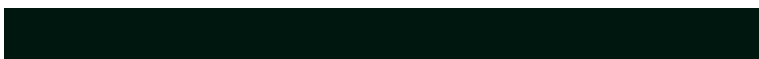
28.0376, 0.2332, 0.3014



9.0260, 0.3029, 0.3367



22.8823, 0.2555, 0.4399



0.6462, 0.2450, 0.4021

Inverse Universe

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



13.7535, 0.4347, 0.2790



20.4475, 0.4786, 0.2748



15.3339, 0.4840, 0.3516



8.0578, 0.3236, 0.3215



6.7585, 0.5600, 0.2859



0.1983, 0.4750, 0.2390

Previews

White Background



This preview shows how the Yxy color 32.5045, 0.2604, 0.3921 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 32.5045, 0.2604, 0.3921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

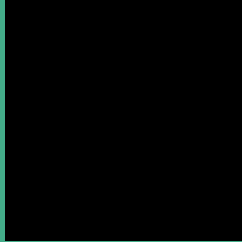
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.5045, 0.2604, 0.3921

Background



This preview shows how black text looks on a background with the Yxy color 32.5045, 0.2604, 0.3921.



This preview shows how white text looks on a background with the Yxy color 32.5045, 0.2604, 0.3921.

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

32.5045, 0.2604, 0.3921

Protanopia

32.0224, 0.3461, 0.3671

Deuteranopia

31.9035, 0.3440, 0.3379



Tritanopia

32.3616, 0.2396, 0.3059

Trichromacy



Original Color

32.5045, 0.2604, 0.3921



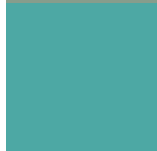
Protanomaly

31.2923, 0.3067, 0.3775



Deuteranomaly

31.0757, 0.3056, 0.3568



Tritanomaly

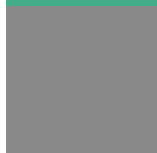
32.2634, 0.2472, 0.3356

Monochromacy



Original Color

32.5045, 0.2604, 0.3921



Achromatopsia

25.0158, 0.3127, 0.3290



Achromatomaly

27.0636, 0.2875, 0.3520

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.5045, 0.2604, 0.3921 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(67, 172, 137)` looks like.

```
.text, #text, p{  
    color:rgb(67, 172, 137)  
}
```

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(67, 172, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 172, 137) }
```

Border

The CSS property to change the border of an element to Yxy 32.5045, 0.2604, 0.3921 is called "border". The border property can be set on classes, ids or directly on the HTML element.

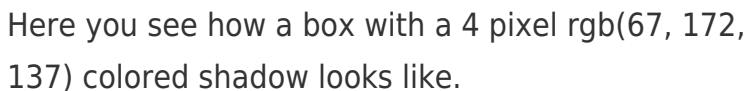
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(67, 172, 137) }
```

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

```
.border{ border-color:rgb(67, 172, 137) }
```

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



Here you see how a box with a 4 pixel `rgb(67, 172, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 172, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 172, 137);  
box-shadow:4px 4px 4px 4px rgb(67, 172,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 32.5045, 0.2604, 0.3921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 172, 137) }
```

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

```
.background{ background-color: rgb(67, 172,  
137) }
```

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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