

Converting Colors

$Yxy(35.9679, 0.2628, 0.3396)$

Have a look what the booklet for
Yxy(35.9679, 0.2628, 0.3396)
contains.

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Color

Yxy(36.0052, 0.2628, 0.3401)

Conversions

Conversions Part 1

Format	Color
Hex	68AEA7
RGB	104, 174, 167
RGB Percent	41%, 68%, 65%
CMY	0.5920, 0.3176, 0.3451
CMYK	0.40, 0.00, 0.04, 0.32
HSL	174°, 30%, 55%
HSV	174°, 40%, 68%
XYZ	27.8217, 36.0052, 42.0396
YIQ	152.2720, -39.4730, -17.0170

Conversions

Conversions Part 2

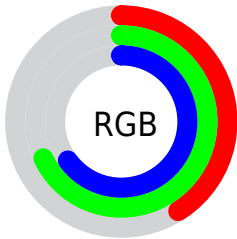
Format	Color
RYB	104, 141, 174
Decimal	6860455
CIELab	66.52, -23.72, -3.35
CIELCh	67, 23.957, 188.042
Yxy	36.0052, 0.2628, 0.3401
Android (android.graphics.Color)	4285050535 (0xFF68AEA7)
YUV	152.2720, 7.2609, -42.3345
Hunter-Lab	60.0043, -22.2439, 0.4639

Details

The Yxy color **36.0052, 0.2628, 0.3401** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.0533, 0.4018, 0.3187**, and the grayscale version is **31.5069, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.1367, 0.2721, 0.3385**, and **15.5907, 0.2473, 0.3428** is the 20% darker color. If you saturate the color by 10%, you get **35.0063, 0.2535, 0.3433**, and if you desaturate by 10%, it is **37.2227, 0.2736, 0.3370**.

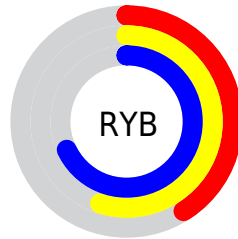
Distribution



Red (41%)

Green (68%)

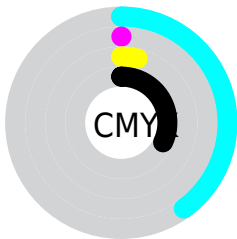
Blue (65%)



Red (41%)

Yellow (55%)

Blue (68%)

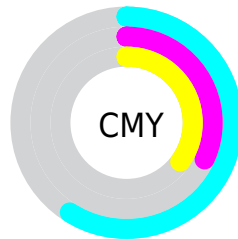


Cyan (40%)

Magenta (0%)

Yellow (4%)

Black (32%)



Cyan (59%)


Magenta (32%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.0052, 0.2628, 0.3401 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 36.0052, 0.2628, 0.3401 by changing the saturation by 10% instead.


 36.0052, 0.2628,
0.3401


 36.0052, 0.2628,
0.3401


328.9833, 0.2886,
0.3346


 24.4382, 0.2561,
0.3414


 69.0401, 0.2724,
0.3381


 15.6590, 0.2474,
0.3431


 91.2768, 0.2759,
0.3374

 9.2832, 0.2355,
0.3453


 117.8388, 0.2789,
0.3368

 4.9263, 0.2183,
0.3482

 149.1106, 0.2814,
0.3362

 2.2041, 0.1918,
0.3520

185.4766, 0.2835,
0.3357

 0.7222, 0.0580,
0.3901

227.3211, 0.2854,

 0.0000, 0.0000,

0.3353

0.0000

275.0285, 0.2871,
0.3350

■ 36.0052, 0.2628,
0.3401

■ 36.0052, 0.2628,
0.3401

■ 35.0063, 0.2535,
0.3433

■ 37.2227, 0.2736,
0.3370

■ 34.2083, 0.2459,
0.3466

■ 38.6667, 0.2857,
0.3342

■ 33.5980, 0.2401,
0.3500


■ 40.3498, 0.2987,
0.3315

■ 33.1585, 0.2362,
0.3534

■ 42.2826, 0.3124,
0.3291

■ 32.8700, 0.2341,
0.3568


■ 44.4749, 0.3266,
0.3268

 32.6921, 0.2334,
0.3601

 46.9362, 0.3409,
0.3249

 49.6753, 0.3552,
0.3231

 52.7006, 0.3693,
0.3216

 54.9373, 0.3781,
0.3201

Harmonies

Analogous

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



36.0052, 0.2924, 0.3733



36.0052, 0.2628, 0.3401



36.0052, 0.2467, 0.3057

Triad

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



36.0052, 0.2628, 0.3401



36.0052, 0.2937, 0.2735



36.0052, 0.3824, 0.3734

Complementary

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



36.0052, 0.2628, 0.3401



20.0533, 0.4018, 0.3187

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.



36.0052, 0.3835, 0.3456



36.0052, 0.2628, 0.3401



36.0052, 0.3306, 0.2901

Square

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



36.0052, 0.2628, 0.3401



36.0052, 0.2637, 0.2698



36.0052, 0.3642, 0.3157



36.0052, 0.3618, 0.3916

Rectangle

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



36.0052, 0.2628, 0.3401



36.0052, 0.2451, 0.2875



36.0052, 0.3642, 0.3157



36.0052, 0.3851, 0.3648

Sweetspot

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



36.0066, 0.2628, 0.3401



72.5451, 0.2960, 0.3320



34.7294, 0.3137, 0.4476



16.0349, 0.2944, 0.3323



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



36.0066, 0.2628, 0.3401



63.7235, 0.2547, 0.3429



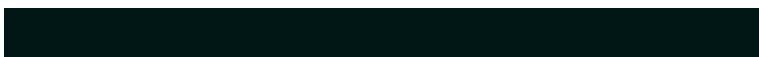
26.9233, 0.2514, 0.2842



9.0581, 0.2999, 0.3313



23.7168, 0.2333, 0.3597



0.6637, 0.2304, 0.3495

Inverse Universe

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



20.0533, 0.4018, 0.3187



30.8658, 0.4320, 0.3167



26.1911, 0.3955, 0.3693



8.0279, 0.3271, 0.3268



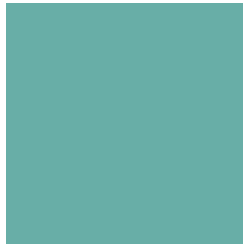
6.5615, 0.6262, 0.3223



0.1866, 0.5752, 0.2943

Previews

White Background



This preview shows how the Yxy color 36.0052, 0.2628, 0.3401 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 36.0052, 0.2628, 0.3401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

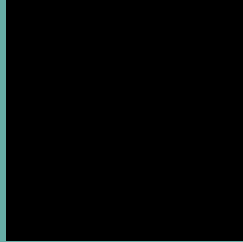
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

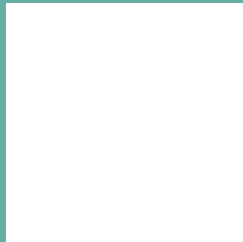
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 36.0052, 0.2628, 0.3401

Background



This preview shows how black text looks on a background with the Yxy color 36.0052, 0.2628, 0.3401.



This preview shows how white text looks on a background with the Yxy color 36.0052, 0.2628, 0.3401.

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

36.0052, 0.2628, 0.3401

Protanopia

35.5373, 0.3175, 0.3305

Deuteranopia

35.4879, 0.3147, 0.3080



Tritanopia

35.8798, 0.2537, 0.3073

Trichromacy



Original Color

36.0052, 0.2628, 0.3401

Protanomaly

35.2697, 0.2944, 0.3335

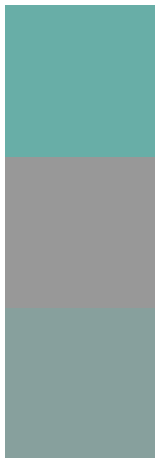
Deuteranomaly

35.2997, 0.2922, 0.3185

Tritanomaly

35.8452, 0.2571, 0.3194

Monochromacy



Original Color

36.0052, 0.2628, 0.3401

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

32.7268, 0.2921, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.0052, 0.2628, 0.3401 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(104, 174, 167)` looks like.

```
.text, #text, p{  
    color:rgb(104, 174, 167)  
}
```

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(104, 174, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 174, 167) }
```

Border

The CSS property to change the border of an element to Yxy 36.0052, 0.2628, 0.3401 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(104, 174, 167) }
```

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

```
.border{ border-color:rgb(104, 174, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 174, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 174, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 174, 167);  
box-shadow:4px 4px 4px 4px rgb(104, 174,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 36.0052, 0.2628, 0.3401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 174, 167) }
```

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

```
.background{ background-color: rgb(104,  
174, 167) }
```

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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