

Converting Colors

$Yxy(36.2548, 0.2694, 0.3460)$

Have a look what the booklet for
Yxy(36.2548, 0.2694, 0.3460)
contains.

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Color

Yxy(36.2314, 0.2695, 0.3465)

Conversions

Conversions Part 1

Format	Color
Hex	6EAEA3
RGB	110, 174, 163
RGB Percent	43%, 68%, 64%
CMY	0.5685, 0.3177, 0.3608
CMYK	0.37, 0.00, 0.06, 0.32
HSL	170°, 28%, 56%
HSV	170°, 37%, 68%
XYZ	28.1800, 36.2314, 40.1525
YIQ	153.6100, -34.6130, -16.9890

Conversions

Conversions Part 2

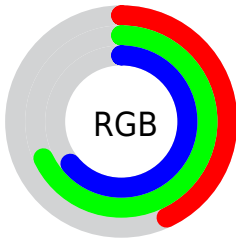
Format	Color
RYB	110, 145, 174
Decimal	7253667
CIELab	66.70, -23.05, -0.84
CIElCh	67, 23.061, 182.091
Yxy	36.2314, 0.2695, 0.3465
Android (android.graphics.Color)	4285443747 (0xFF6EAE A3)
YUV	153.6100, 4.6293, -38.2460
Hunter-Lab	60.1925, -21.7696, 2.5843

Details

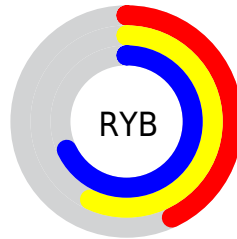
The Yxy color **36.2314, 0.2695, 0.3465** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.5409, 0.3845, 0.3127**, and the grayscale version is **32.1299, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.5481, 0.2777, 0.3433**, and **15.7220, 0.2565, 0.3522** is the 20% darker color. If you saturate the color by 10%, you get **35.1176, 0.2603, 0.3521**, and if you desaturate by 10%, it is **37.5698, 0.2801, 0.3412**.

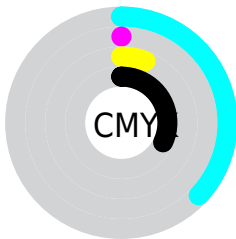
Distribution



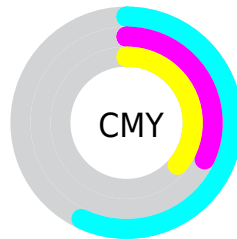
- Red (43%)
- Green (68%)
- Blue (64%)



- Red (43%)
- Yellow (57%)
- Blue (68%)



- Cyan (37%)
- Magenta (0%)
- Yellow (6%)
- Black (32%)





- Cyan (57%)
- Magenta (32%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.2314, 0.2695, 0.3465 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 36.2314, 0.2695, 0.3465 by changing the saturation by 10% instead.


 36.2314, 0.2695,
0.3465

 36.2314, 0.2695,
0.3465


329.9708, 0.2919,
0.3375

 24.6130, 0.2636,
0.3488


 69.3891, 0.2778,
0.3432


 15.7889, 0.2560,
0.3519


 91.6971, 0.2809,
0.3419

 9.3749, 0.2455,
0.3560


 118.3371, 0.2835,
0.3409

 4.9865, 0.2303,
0.3619

 149.6935, 0.2857,
0.3400

 2.2394, 0.2064,
0.3711

186.1507, 0.2875,
0.3393

 0.7413, 0.0812,
0.4238

228.0930, 0.2892,

 0.0000, 0.0000,

0.3386

0.0000

275.9049, 0.2906,
0.3380

■ 36.2314, 0.2695,
0.3465

■ 36.2314, 0.2695,
0.3465

■ 35.1176, 0.2603,
0.3521

■ 37.5698, 0.2801,
0.3412

■ 34.2112, 0.2526,
0.3579

■ 39.1403, 0.2917,
0.3363

■ 33.4993, 0.2467,
0.3639


■ 40.9554, 0.3041,
0.3318

■ 32.9659, 0.2426,
0.3700


■ 43.0254, 0.3169,
0.3277

■ 32.5925, 0.2405,
0.3762

■ 45.3599, 0.3301,
0.3240


 32.3526, 0.2401,
0.3822

 47.9682, 0.3432,
0.3208

 32.2863, 0.2401,
0.3842

 50.8590, 0.3563,
0.3179

 54.0407, 0.3691,
0.3153

 55.2466, 0.3714,
0.3125

Harmonies

Analogous

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



36.2314, 0.2999, 0.3765



36.2314, 0.2695, 0.3465



36.2314, 0.2511, 0.3128

Triad

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



36.2314, 0.2695, 0.3465



36.2314, 0.2880, 0.2738



36.2314, 0.3815, 0.3670

Complementary

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



36.2314, 0.2695, 0.3465



21.5409, 0.3845, 0.3127

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.



36.2314, 0.3785, 0.3393



36.2314, 0.2695, 0.3465



36.2314, 0.3229, 0.2875

Square

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



36.2314, 0.2695, 0.3465



36.2314, 0.2613, 0.2729



36.2314, 0.3566, 0.3109



36.2314, 0.3650, 0.3868

Rectangle

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



36.2314, 0.2695, 0.3465



36.2314, 0.2473, 0.2939



36.2314, 0.3566, 0.3109



36.2314, 0.3828, 0.3583

Sweetspot

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



36.2329, 0.2695, 0.3465



72.7744, 0.2985, 0.3338



35.5185, 0.3175, 0.4347



16.0782, 0.2968, 0.3344



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.



36.2329, 0.2695, 0.3465



64.0712, 0.2620, 0.3510



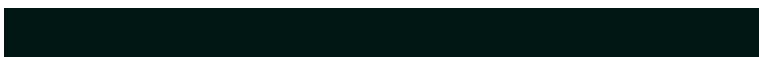
29.4006, 0.2575, 0.2959



9.0481, 0.3008, 0.3329



23.4258, 0.2399, 0.3835



0.6578, 0.2348, 0.3651

Inverse Universe

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



21.5409, 0.3845, 0.3127



33.5475, 0.4085, 0.3092



26.1687, 0.3887, 0.3595



8.0370, 0.3260, 0.3251



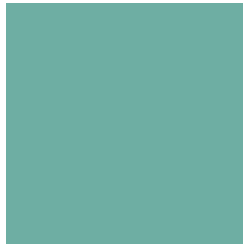
6.6009, 0.6113, 0.3141



0.1902, 0.5383, 0.2739

Previews

White Background



This preview shows how the Yxy color 36.2314, 0.2695, 0.3465 looks on a white background.

Color Contrast Check

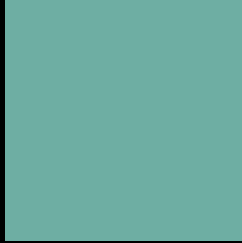
Large Text (above 18pt) WCAG AA × Fail

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 36.2314, 0.2695, 0.3465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

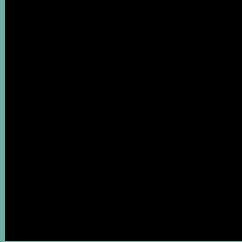
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.2314, 0.2695, 0.3465

Background



This preview shows how black text looks on a background with the Yxy color 36.2314, 0.2695, 0.3465.

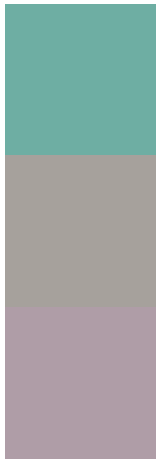


This preview shows how white text looks on a background with the Yxy color 36.2314, 0.2695, 0.3465.

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

36.2314, 0.2695, 0.3465

Protanopia

35.9970, 0.3220, 0.3363

Deuteranopia

36.0179, 0.3212, 0.3151



Tritanopia

36.2734, 0.2576, 0.3075

Trichromacy



Original Color

36.2314, 0.2695, 0.3465

Protanomaly

35.8866, 0.3004, 0.3395

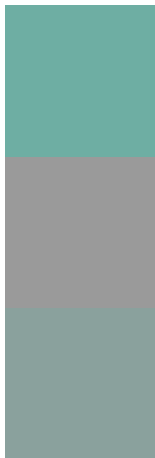
Deuteranomaly

35.5269, 0.2991, 0.3245

Tritanomaly

36.1901, 0.2617, 0.3211

Monochromacy



Original Color

36.2314, 0.2695, 0.3465

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

33.3273, 0.2948, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.2314, 0.2695, 0.3465 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(110, 174, 163)` looks like.

```
.text, #text, p{  
    color:rgb(110, 174, 163)  
}
```

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(110, 174, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 174, 163) }
```

Border

The CSS property to change the border of an element to Yxy 36.2314, 0.2695, 0.3465 is called "border". The border property can be set on classes, ids or directly on the HTML element.

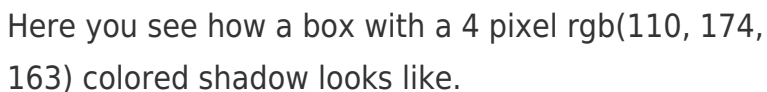
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(110, 174, 163) }
```

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

```
.border{ border-color:rgb(110, 174, 163) }
```

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



Here you see how a box with a 4 pixel `rgb(110, 174, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(110, 174, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(110, 174, 163); box-shadow:4px 4px 4px 4px rgb(110, 174, 163) }
```


Background

The CSS property to change the background color of an element to Yxy 36.2314, 0.2695, 0.3465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 174, 163) }
```

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

```
.background{ background-color: rgb(110,  
174, 163) }
```

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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