

Converting Colors

$Yxy(34.3612, 0.2462, 0.3272)$

Have a look what the booklet for
Yxy(34.3612, 0.2462, 0.3272)
contains.

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Color

Yxy(34.3612, 0.2462, 0.3272)

Conversions

Conversions Part 1

Format	Color
Hex	53ACAD
RGB	83, 172, 173
RGB Percent	33%, 67%, 68%
CMY	0.6749, 0.3254, 0.3216
CMYK	0.52, 0.01, 0.00, 0.32
HSL	181°, 35%, 50%
HSV	181°, 52%, 68%
XYZ	25.8549, 34.3612, 44.7998
YIQ	145.5030, -53.3650, -18.5570

Conversions

Conversions Part 2

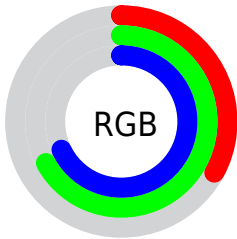
Format	Color
R_{YB}	83, 128, 173
Decimal	5483693
CIE _{Lab}	65.25, -26.24, -8.67
CIE _{LCh}	65, 27.634, 198.287
Yxy	34.3612, 0.2462, 0.3272
Android (android.graphics.Color)	4283673773 (0xFF53ACAD)
YUV	145.5030, 13.5560, -54.8151
Hunter-Lab	58.6184, -23.8510, -4.2801

Details

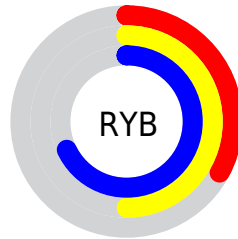
The Yxy color **34.3612, 0.2462, 0.3272** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **15.8271, 0.4588, 0.3309**, and the grayscale version is **28.4811, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.6637, 0.2593, 0.3288**, and **14.6523, 0.2255, 0.3239** is the 20% darker color. If you saturate the color by 10%, you get **33.6013, 0.2381, 0.3268**, and if you desaturate by 10%, it is **35.3200, 0.2561, 0.3276**.

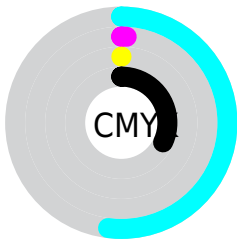
Distribution



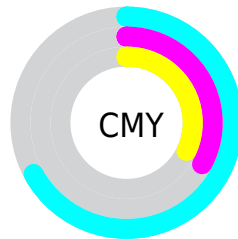
- Red (33%)
- Green (67%)
- Blue (68%)



- Red (33%)
- Yellow (50%)
- Blue (68%)



- Cyan (52%)
- Magenta (1%)
- Yellow (0%)
- Black (32%)




- Cyan (67%)
- Magenta (33%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.3612, 0.2462, 0.3272 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 34.3612, 0.2462, 0.3272 by changing the saturation by 10% instead.

 34.3612, 0.2462,
0.3272


 34.3612, 0.2462,
0.3272


321.7396, 0.2805,
0.3289


 23.1712, 0.2374,
0.3265


 66.4950, 0.2589,
0.3280


 14.7200, 0.2259,
0.3253


 88.2076, 0.2636,
0.3283

 8.6231, 0.2103,
0.3234


 114.1965, 0.2675,
0.3285

 4.4962, 0.1883,
0.3199

 144.8461, 0.2709,
0.3286

 1.9548, 0.1551,
0.3125

180.5408, 0.2738,
0.3287

 0.5810, 0.0000,
0.3146

221.6651, 0.2763,

 0.0000, 0.0000,

0.3288

0.0000

268.6032, 0.2785,
0.3289

■ 34.3612, 0.2462,
0.3272

■ 34.3612, 0.2462,
0.3272

■ 33.6013, 0.2381,
0.3268

■ 35.3200, 0.2561,
0.3276

■ 33.0216, 0.2319,
0.3265

■ 36.4872, 0.2676,
0.3279

■ 32.6062, 0.2276,
0.3261

■ 37.8763, 0.2805,
0.3283

■ 32.3350, 0.2250,
0.3258

■ 39.4985, 0.2946,
0.3286

■ 32.1879, 0.2238,
0.3255

■ 41.3643, 0.3095,
0.3289

■ 43.4835, 0.3250,
0.3292

■ 45.8655, 0.3409,
0.3295

■ 48.5192, 0.3567,
0.3297

■ 51.4529, 0.3725,
0.3300

Harmonies

Analogous

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



34.3612, 0.2756, 0.3690



34.3612, 0.2462, 0.3272



34.3612, 0.2342, 0.2896

Triad

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



34.3612, 0.2462, 0.3272



34.3612, 0.3046, 0.2699



34.3612, 0.3881, 0.3893

Complementary

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



34.3612, 0.2462, 0.3272



15.8271, 0.4588, 0.3309

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.



34.3612, 0.3981, 0.3593



34.3612, 0.2462, 0.3272



34.3612, 0.3481, 0.2930

Square

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



34.3612, 0.2462, 0.3272



34.3612, 0.2660, 0.2601



34.3612, 0.3834, 0.3247



34.3612, 0.3575, 0.4055

Rectangle

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



34.3612, 0.2462, 0.3272



34.3612, 0.2367, 0.2722



34.3612, 0.3834, 0.3247



34.3612, 0.3941, 0.3803

Sweetspot

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



34.3625, 0.2462, 0.3272



69.4756, 0.2885, 0.3285



32.3411, 0.3051, 0.4919



14.9741, 0.2858, 0.3284



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.



34.3625, 0.2462, 0.3272



60.0668, 0.2374, 0.3268



20.2750, 0.2307, 0.2487



9.0570, 0.2987, 0.3287



23.6553, 0.2238, 0.3255



0.6627, 0.2241, 0.3266

Inverse Universe

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



18.0333, 0.3197, 0.2076



27.7732, 0.3209, 0.1879



24.9301, 0.4206, 0.3957



8.1466, 0.3139, 0.3069



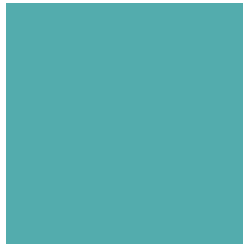
8.6911, 0.3236, 0.1556



0.2422, 0.3227, 0.1551

Previews

White Background



This preview shows how the Yxy color 34.3612, 0.2462, 0.3272 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 34.3612, 0.2462, 0.3272 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 34.3612, 0.2462, 0.3272

Background



This preview shows how black text looks on a background with the Yxy color 34.3612, 0.2462, 0.3272.

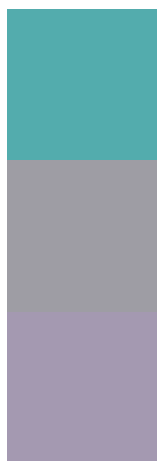


This preview shows how white text looks on a background with the Yxy color 34.3612, 0.2462, 0.3272.

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

34.3612, 0.2462, 0.3272

Protanopia

34.0634, 0.3074, 0.3187

Deuteranopia

33.8493, 0.3017, 0.2949



Tritanopia

34.2364, 0.2413, 0.3064

Trichromacy



Original Color

34.3612, 0.2462, 0.3272

Protanomaly

33.4560, 0.2808, 0.3211

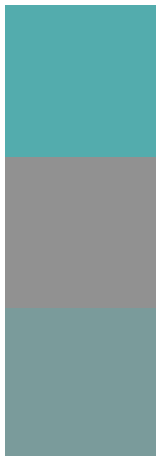
Deuteranomaly

33.4271, 0.2770, 0.3046

Tritanomaly

34.3995, 0.2434, 0.3143

Monochromacy



Original Color

34.3612, 0.2462, 0.3272

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

29.9468, 0.2819, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.3612, 0.2462, 0.3272 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(83, 172, 173)` looks like.

```
.text, #text, p{  
    color:rgb(83, 172, 173)  
}
```

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(83, 172, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 172, 173) }
```

Border

The CSS property to change the border of an element to Yxy 34.3612, 0.2462, 0.3272 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(83, 172, 173) }
```

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

```
.border{ border-color:rgb(83, 172, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 172, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 172, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 172, 173);  
box-shadow:4px 4px 4px 4px rgb(83, 172,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 34.3612, 0.2462, 0.3272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 172, 173) }
```

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

```
.background{ background-color: rgb(83, 172,  
173) }
```

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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