

Converting Colors

$Yxy(43.4356, 0.2840, 0.3950)$

Have a look what the booklet for
Yxy(43.4356, 0.2840, 0.3950)
contains.

Yxy(43.4466, 0.2842, 0.3956)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.4466, 0.2842, 0.3956)

Conversions

Conversions Part 1

Format	Color
Hex	72C095
RGB	114, 192, 149
RGB Percent	45%, 75%, 58%
CMY	0.5529, 0.2470, 0.4158
CMYK	0.41, 0.00, 0.22, 0.25
HSL	147°, 38%, 60%
HSV	147°, 41%, 75%
XYZ	31.2121, 43.4466, 35.1658
YIQ	163.7760, -32.6850, -29.9090

Conversions

Conversions Part 2

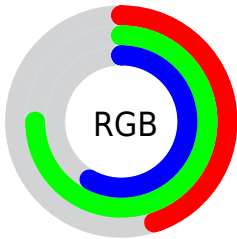
Format	Color
RYB	114, 168, 192
Decimal	7520405
CIELab	71.86, -33.74, 14.26
CIElCh	72, 36.626, 157.090
Yxy	43.4466, 0.2842, 0.3956
Android (android.graphics.Color)	4285710485 (0xFF72C095)
YUV	163.7760, -7.2846, -43.6536
Hunter-Lab	65.9140, -30.8248, 14.5080

Details

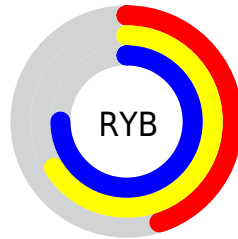
The Yxy color **43.4466, 0.2842, 0.3956** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **25.6765, 0.3578, 0.2714**, and the grayscale version is **37.0591, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.4982, 0.2901, 0.3827**, and **20.0195, 0.2747, 0.4179** is the 20% darker color. If you saturate the color by 10%, you get **41.9702, 0.2790, 0.4158**, and if you desaturate by 10%, it is **45.2276, 0.2904, 0.3768**.

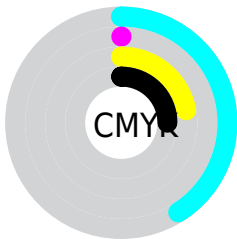
Distribution



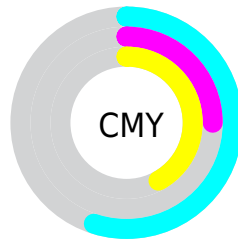
- Red (45%)
- Green (75%)
- Blue (58%)



- Red (45%)
- Yellow (66%)
- Blue (75%)



- Cyan (41%)
- Magenta (0%)
- Yellow (22%)
- Black (25%)




- Cyan (55%)
- Magenta (25%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.4466, 0.2842, 0.3956 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 43.4466, 0.2842, 0.3956 by changing the saturation by 10% instead.


 43.4466, 0.2842,
0.3956


 43.4466, 0.2842,
0.3956


360.4452, 0.2993,
0.3604


 30.2357, 0.2801,
0.4050


 80.3844, 0.2899,
0.3824

 20.0175, 0.2747,
0.4175


 104.8800, 0.2920,
0.3775

 12.4078, 0.2672,
0.4348


 133.9060, 0.2937,
0.3735

 7.0220, 0.2560,
0.4603

167.8467, 0.2952,
0.3701

 3.4759, 0.2379,
0.5014

207.0866, 0.2964,
0.3672

 1.3849, 0.1892,
0.6179

252.0101, 0.2975,

 0.2056, 0.0000,

0.3646

1.0000

303.0015, 0.2985,
0.3624

0.0000, 0.0000,
0.0000

43.4466, 0.2842,
0.3956

43.4466, 0.2842,
0.3956

41.9702, 0.2790,
0.4158

45.2276, 0.2904,
0.3768

40.7751, 0.2752,
0.4369

47.3242, 0.2973,
0.3595

39.8433, 0.2730,
0.4585

49.7532, 0.3047,
0.3438

39.1523, 0.2727,
0.4798

52.5289, 0.3122,
0.3298

38.6754, 0.2744,
0.5003


55.6646, 0.3198,
0.3174

 38.3754, 0.2773,
0.5182

 59.1728, 0.3272,
0.3065

 63.0655, 0.3344,
0.2969

 64.8852, 0.3314,
0.2871

 65.5112, 0.3234,
0.2771

Harmonies

Analogous

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



43.4466, 0.3354, 0.4226



43.4466, 0.2842, 0.3956



43.4466, 0.2429, 0.3458

Triad

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



43.4466, 0.2842, 0.3956



43.4466, 0.2426, 0.2463



43.4466, 0.4144, 0.3489

Complementary

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



43.4466, 0.2842, 0.3956



25.6765, 0.3578, 0.2714

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.



43.4466, 0.3855, 0.3081



43.4466, 0.2842, 0.3956



43.4466, 0.2835, 0.2516

Square

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



43.4466, 0.2842, 0.3956



43.4466, 0.2207, 0.2606



43.4466, 0.3360, 0.2737



43.4466, 0.4127, 0.3886

Rectangle

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



43.4466, 0.2842, 0.3956



43.4466, 0.2257, 0.3110



43.4466, 0.3360, 0.2737



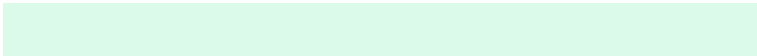
43.4466, 0.4079, 0.3350

Sweetspot

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



43.4484, 0.2842, 0.3956



89.4148, 0.3035, 0.3462



46.2063, 0.3426, 0.4393



19.0535, 0.3026, 0.3482



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



43.4484, 0.2842, 0.3956



76.2480, 0.2794, 0.4140



44.8586, 0.2605, 0.3364



11.3322, 0.3056, 0.3420



25.8360, 0.2766, 0.5158



1.1302, 0.2644, 0.4719

Inverse Universe

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



25.6765, 0.3578, 0.2714



39.5401, 0.3726, 0.2590



24.5781, 0.4076, 0.3221



10.1688, 0.3205, 0.3164



8.2554, 0.4722, 0.2375



0.3704, 0.4296, 0.2140

Previews

White Background



This preview shows how the Yxy color 43.4466, 0.2842, 0.3956 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 43.4466, 0.2842, 0.3956 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 43.4466, 0.2842, 0.3956

Background



This preview shows how black text looks on a background with the Yxy color 43.4466, 0.2842, 0.3956.



This preview shows how white text looks on a background with the Yxy color 43.4466, 0.2842, 0.3956.

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

43.4466, 0.2842, 0.3956

Protanopia

43.0221, 0.3519, 0.3748

Deuteranopia

42.9884, 0.3553, 0.3484



Tritanopia

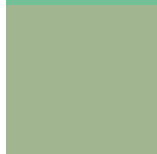
43.3037, 0.2584, 0.3076

Trichromacy



Original Color

43.4466, 0.2842, 0.3956



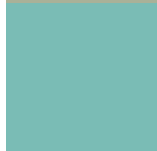
Protanomaly

42.5349, 0.3240, 0.3822



Deuteranomaly

42.1463, 0.3262, 0.3641



Tritanomaly

43.4402, 0.2682, 0.3392

Monochromacy



Original Color

43.4466, 0.2842, 0.3956



Achromatopsia

37.1238, 0.3127, 0.3290



Achromatomaly

38.8863, 0.3004, 0.3513

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4466, 0.2842, 0.3956 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(114, 192, 149)` looks like.

```
.text, #text, p{  
    color:rgb(114, 192, 149)  
}
```

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(114, 192, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 192, 149) }
```

Border

The CSS property to change the border of an element to Yxy 43.4466, 0.2842, 0.3956 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(114, 192, 149) }
```

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

```
.border{ border-color:rgb(114, 192, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 192, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 192, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 192, 149);  
box-shadow:4px 4px 4px 4px rgb(114, 192,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4466, 0.2842, 0.3956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 192, 149) }
```

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

```
.background{ background-color: rgb(114,  
192, 149) }
```

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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