

Converting Colors

$Yxy(44.2270, 0.3325, 0.4487)$

Have a look what the booklet for
Yxy(44.2270, 0.3325, 0.4487)
contains.

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Color

Yxy(44.2270, 0.3325, 0.4487)

Conversions

Conversions Part 1

Format	Color
Hex	8FBF6E
RGB	143, 191, 110
RGB Percent	56%, 75%, 43%
CMY	0.4392, 0.2510, 0.5685
CMYK	0.25, 0.00, 0.42, 0.25
HSL	96°, 39%, 59%
HSV	96°, 42%, 75%
XYZ	32.7735, 44.2270, 21.5665
YIQ	167.4140, -2.6070, -35.3670

Conversions

Conversions Part 2

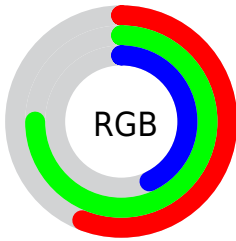
Format	Color
RYB	110, 191, 158
Decimal	9420654
CIELab	72.38, -30.33, 35.80
CIELCh	72, 46.919, 130.277
Yxy	44.2270, 0.3325, 0.4487
Android (android.graphics.Color)	4287610734 (0xFF8FBF6E)
YUV	167.4140, -28.3051, -21.4111
Hunter-Lab	66.5034, -28.4144, 27.3252

Details

The Yxy color **44.2270, 0.3325, 0.4487** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **22.1898, 0.2815, 0.2148**, and the grayscale version is **38.9994, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.7849, 0.3300, 0.4252**, and **20.3912, 0.3341, 0.4873** is the 20% darker color. If you saturate the color by 10%, you get **42.8966, 0.3351, 0.4795**, and if you desaturate by 10%, it is **45.7529, 0.3287, 0.4179**.

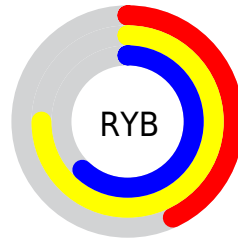
Distribution



Red (56%)

Green (75%)

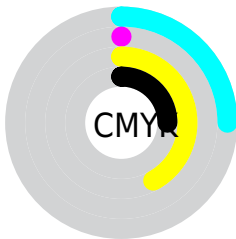
Blue (43%)



Red (43%)

Yellow (75%)

Blue (62%)

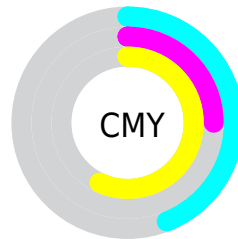


Cyan (25%)

Magenta (0%)

Yellow (42%)

Black (25%)



Cyan (44%)


Magenta (25%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.2270, 0.3325, 0.4487 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 44.2270, 0.3325, 0.4487 by changing the saturation by 10% instead.


 44.2270, 0.3325,
0.4487

 44.2270, 0.3325,
0.4487

363.6338, 0.3248,
0.3856

 30.8490, 0.3335,
0.4653


 81.5592, 0.3303,
0.4251

 20.4839, 0.3341,
0.4869

 106.2822, 0.3293,
0.4164

 12.7473, 0.3336,
0.5160


 135.5557, 0.3284,
0.4092

 7.2548, 0.3303,
0.5569

 169.7640, 0.3275,
0.4030

 3.6219, 0.3294,
0.6363

209.2916, 0.3268,
0.3977

 1.4644, 0.2774,
0.7226

254.5228, 0.3260,

 0.2635, 0.0000,

0.3931

1.0000

305.8421, 0.3254,
0.3891

0.0000, 0.0000,
0.0000

44.2270, 0.3325,
0.4487

44.2270, 0.3325,
0.4487

42.8966, 0.3351,
0.4795

45.7529, 0.3287,
0.4179

41.7471, 0.3363,
0.5089

47.4768, 0.3242,
0.3882

40.7708, 0.3357,
0.5350

49.4082, 0.3192,
0.3603


39.9570, 0.3331,
0.5564

51.5543, 0.3140,
0.3348


39.2931, 0.3287,
0.5719

53.9220, 0.3088,
0.3116

 38.8736, 0.3248,
0.5803

 56.5178, 0.3037,
0.2909

 59.3479, 0.2989,
0.2724

 61.9041, 0.2996,
0.2632

 63.8776, 0.3081,
0.2648

Harmonies

Analogous

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



44.2270, 0.3938, 0.4429



44.2270, 0.3325, 0.4487



44.2270, 0.2691, 0.4098

Triad

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



44.2270, 0.3325, 0.4487



44.2270, 0.2005, 0.2396



44.2270, 0.4111, 0.3069

Complementary

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



44.2270, 0.3325, 0.4487



22.1898, 0.2815, 0.2148

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.



44.2270, 0.3489, 0.2642



44.2270, 0.3325, 0.4487



44.2270, 0.2294, 0.2261

Square

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



44.2270, 0.3325, 0.4487



44.2270, 0.1972, 0.2790



44.2270, 0.2817, 0.2355



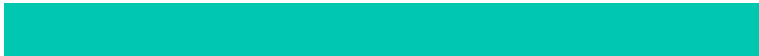
44.2270, 0.4438, 0.3567

Rectangle

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



44.2270, 0.3325, 0.4487



44.2270, 0.2343, 0.3657



44.2270, 0.2817, 0.2355



44.2270, 0.3925, 0.2915

Sweetspot

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



44.2289, 0.3325, 0.4487



88.1934, 0.3196, 0.3625



36.4053, 0.3928, 0.3928



19.1909, 0.3207, 0.3686



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.



44.2289, 0.3325, 0.4487



76.9567, 0.3350, 0.4777



41.8584, 0.3024, 0.4478



10.8342, 0.3176, 0.3523



25.5907, 0.3257, 0.5796



1.0407, 0.3455, 0.5639

Inverse Universe

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



22.1898, 0.2815, 0.2148



32.1939, 0.2722, 0.1886



25.7046, 0.3249, 0.2336



9.4973, 0.3074, 0.3059



4.8369, 0.2226, 0.1000



0.2268, 0.2461, 0.1130

Previews

White Background



This preview shows how the Yxy color 44.2270, 0.3325, 0.4487 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 44.2270, 0.3325, 0.4487 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 44.2270, 0.3325, 0.4487

Background



This preview shows how black text looks on a background with the Yxy color 44.2270, 0.3325, 0.4487.



This preview shows how white text looks on a background with the Yxy color 44.2270, 0.3325, 0.4487.

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

44.2270, 0.3325, 0.4487

Protanopia

43.9335, 0.3890, 0.4218

Deuteranopia

43.7599, 0.4037, 0.3950



Tritanopia

44.0558, 0.2820, 0.3099

Trichromacy



Original Color

44.2270, 0.3325, 0.4487

Protanomaly

43.6314, 0.3667, 0.4317

Deuteranomaly

43.3279, 0.3768, 0.4139

Tritanomaly

43.9576, 0.3007, 0.3590

Monochromacy



Original Color

44.2270, 0.3325, 0.4487

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

40.3951, 0.3213, 0.3728

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2270, 0.3325, 0.4487 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(143, 191, 110)` looks like.

```
.text, #text, p{  
    color:rgb(143, 191, 110)  
}
```

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(143, 191, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 191, 110) }
```

Border

The CSS property to change the border of an element to Yxy 44.2270, 0.3325, 0.4487 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(143, 191, 110) }
```

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

```
.border{ border-color:rgb(143, 191, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 191, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 191, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 191, 110);  
box-shadow:4px 4px 4px 4px rgb(143, 191,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2270, 0.3325, 0.4487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 191, 110) }
```

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

```
.background{ background-color: rgb(143,  
191, 110) }
```

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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