

Converting Colors

$Yxy(42.2477, 0.3285, 0.3919)$

Have a look what the booklet for
Yxy(42.2477, 0.3285, 0.3919)
contains.

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Color

Yxy(42.2248, 0.3287, 0.3927)

Conversions

Conversions Part 1

Format	Color
Hex	9FB589
RGB	159, 181, 137
RGB Percent	62%, 71%, 54%
CMY	0.3763, 0.2902, 0.4627
CMYK	0.12, 0.00, 0.24, 0.29
HSL	90°, 23%, 62%
HSV	90°, 24%, 71%
XYZ	35.3432, 42.2248, 29.9563
YIQ	169.4060, 1.0120, -18.3480

Conversions

Conversions Part 2

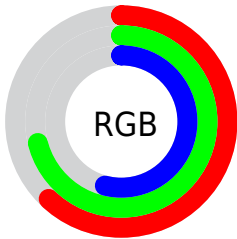
Format	Color
RYB	137, 181, 159
Decimal	10466697
CIELab	71.03, -15.56, 19.97
CIElCh	71, 25.313, 127.932
Yxy	42.2248, 0.3287, 0.3927
Android (android.graphics.Color)	4288656777 (0xFF9FB589)
YUV	169.4060, -15.9762, -9.1261
Hunter-Lab	64.9806, -16.6291, 18.1535

Details

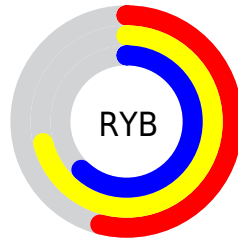
The Yxy color $42.2248, 0.3287, 0.3927$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $28.5963, 0.2931, 0.2654$, and the grayscale version is $39.9722, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.6261, 0.3258, 0.3799$, and $19.2523, 0.3322, 0.4125$ is the 20% darker color. If you saturate the color by 10%, you get $40.8596, 0.3347, 0.4217$, and if you desaturate by 10%, it is $43.7483, 0.3222, 0.3651$.

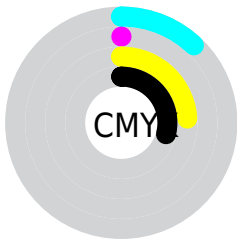
Distribution



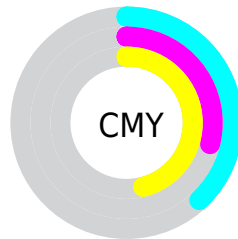
- Red (62%)
- Green (71%)
- Blue (54%)



- Red (54%)
- Yellow (71%)
- Blue (62%)



- Cyan (12%)
- Magenta (0%)
- Yellow (24%)
- Black (29%)





- Cyan (38%)
- Magenta (29%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.2248, 0.3287, 0.3927 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 42.2248, 0.3287, 0.3927 by changing the saturation by 10% instead.

 42.2248, 0.3287,
0.3927


 42.2248, 0.3287,
0.3927


355.4140, 0.3211,
0.3594


 29.2774, 0.3304,
0.4015


 78.5397, 0.3261,
0.3803

 19.2907, 0.3325,
0.4130


 102.6760, 0.3251,
0.3757

 11.8805, 0.3349,
0.4288


 131.3107, 0.3242,
0.3719

 6.6624, 0.3378,
0.4516

164.8282, 0.3234,
0.3686

 3.2519, 0.3405,
0.4873

203.6129, 0.3227,
0.3658

 1.2646, 0.3816,
0.6184

248.0491, 0.3221,

 0.1135, 0.0000,

0.3634

1.0000

298.5214, 0.3216,
0.3613

0.0000, 0.0000,
0.0000

42.2248, 0.3287,
0.3927

42.2248, 0.3287,
0.3927

40.8596, 0.3347,
0.4217

43.7483, 0.3222,
0.3651

39.6414, 0.3398,
0.4514

45.4301, 0.3156,
0.3394

38.5659, 0.3436,
0.4805

47.2771, 0.3090,
0.3159

37.6264, 0.3457,
0.5078

49.2943, 0.3025,
0.2945

36.8154, 0.3458,
0.5317

51.4861, 0.2964,
0.2754

■ 36.1245, 0.3438,
0.5509

■ 53.8573, 0.2906,
0.2583

■ 35.5440, 0.3396,
0.5646

■ 55.8386, 0.2910,
0.2509

■ 35.2521, 0.3368,
0.5708

■ 57.3059, 0.2979,
0.2524

■ 58.8509, 0.3048,
0.2540

Harmonies

Analogous

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



42.2248, 0.3619, 0.3916



42.2248, 0.3287, 0.3927



42.2248, 0.2924, 0.3735

Triad

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



42.2248, 0.3287, 0.3927



42.2248, 0.2469, 0.2806



42.2248, 0.3642, 0.3156

Complementary

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



42.2248, 0.3287, 0.3927



28.5963, 0.2931, 0.2654

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.



42.2248, 0.3305, 0.2899



42.2248, 0.3287, 0.3927



42.2248, 0.2635, 0.2697

Square

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



42.2248, 0.3287, 0.3927



42.2248, 0.2466, 0.3058



42.2248, 0.2936, 0.2734



42.2248, 0.3837, 0.3455

Rectangle

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



42.2248, 0.3287, 0.3927



42.2248, 0.2714, 0.3521



42.2248, 0.2936, 0.2734



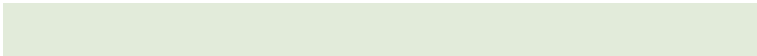
42.2248, 0.3541, 0.3063

Sweetspot

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



42.2266, 0.3287, 0.3927



80.4932, 0.3175, 0.3464



36.1744, 0.3557, 0.3589



17.3588, 0.3178, 0.3479



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



42.2266, 0.3287, 0.3927



74.3299, 0.3319, 0.4076



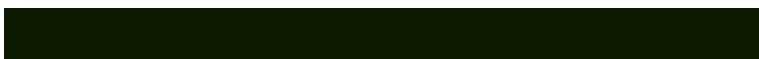
40.2328, 0.3102, 0.3964



9.6922, 0.3189, 0.3520



24.3451, 0.3377, 0.5701



0.8007, 0.3596, 0.5526

Inverse Universe

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



28.5963, 0.2931, 0.2654



45.8053, 0.2879, 0.2506



30.9639, 0.3147, 0.2694



8.4315, 0.3060, 0.3060



3.8514, 0.2036, 0.0895



0.1559, 0.2350, 0.1068

Previews

White Background



This preview shows how the Yxy color 42.2248, 0.3287, 0.3927 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 42.2248, 0.3287, 0.3927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

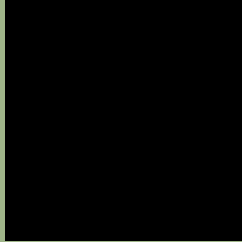
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.2248, 0.3287, 0.3927

Background



This preview shows how black text looks on a background with the Yxy color 42.2248, 0.3287, 0.3927.



This preview shows how white text looks on a background with the Yxy color 42.2248, 0.3287, 0.3927.

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

42.2248, 0.3287, 0.3927

Protanopia

41.8949, 0.3585, 0.3833

Deuteranopia

42.0874, 0.3710, 0.3639



Tritanopia

42.1184, 0.2955, 0.3100

Trichromacy



Original Color

42.2248, 0.3287, 0.3927

Protanomaly

42.0020, 0.3481, 0.3874

Deuteranomaly

41.8082, 0.3545, 0.3737

Tritanomaly

42.2014, 0.3079, 0.3402

Monochromacy



Original Color

42.2248, 0.3287, 0.3927

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

40.3208, 0.3188, 0.3518

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.2248, 0.3287, 0.3927 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(159, 181, 137)` looks like.

```
.text, #text, p{  
    color:rgb(159, 181, 137)  
}
```

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(159, 181, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 181, 137) }
```

Border

The CSS property to change the border of an element to Yxy 42.2248, 0.3287, 0.3927 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(159, 181, 137) }
```

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

```
.border{ border-color:rgb(159, 181, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 181, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 181, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 181, 137);  
box-shadow:4px 4px 4px 4px rgb(159, 181,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 42.2248, 0.3287, 0.3927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 181, 137) }
```

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

```
.background{ background-color: rgb(159,  
181, 137) }
```

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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