

Converting Colors

$Yxy(29.2807, 0.3652, 0.4483)$

Have a look what the booklet for
Yxy(29.2807, 0.3652, 0.4483)
contains.

Yxy(29.2807, 0.3652, 0.4483)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(29.2807, 0.3652, 0.4483)

Conversions

Conversions Part 1

Format	Color
Hex	8C9A51
RGB	140, 154, 81
RGB Percent	55%, 60%, 32%
CMY	0.4511, 0.3960, 0.6823
CMYK	0.09, 0.00, 0.47, 0.40
HSL	72°, 31%, 46%
HSV	72°, 47%, 60%
XYZ	23.8530, 29.2807, 12.1812
YIQ	141.4920, 15.0890, -25.6710

Conversions

Conversions Part 2

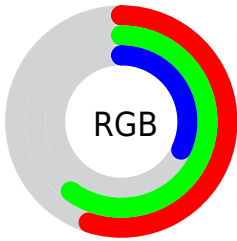
Format	Color
R_{YB}	81, 154, 95
Decimal	9214545
CIE _{Lab}	61.03, -16.64, 36.44
CIE _{LCh}	61, 40.056, 114.540
Yxy	29.2807, 0.3652, 0.4483
Android (android.graphics.Color)	4287404625 (0xFF8C9A51)
YUV	141.4920, -29.8226, -1.3085
Hunter-Lab	54.1116, -16.0106, 24.5312

Details

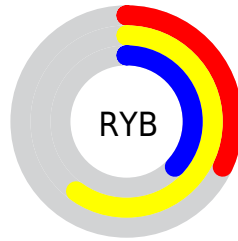
The Yxy color **29.2807, 0.3652, 0.4483** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **10.6557, 0.2408, 0.1900**, and the grayscale version is **26.9540, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.3798, 0.3564, 0.4227**, and **11.8850, 0.3767, 0.4894** is the 20% darker color. If you saturate the color by 10%, you get **28.8228, 0.3738, 0.4715**, and if you desaturate by 10%, it is **29.8006, 0.3551, 0.4233**.

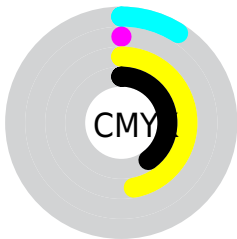
Distribution



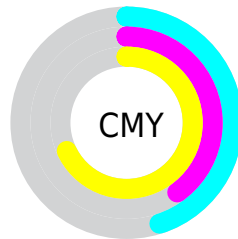
- Red (55%)
- Green (60%)
- Blue (32%)



- Red (32%)
- Yellow (60%)
- Blue (37%)



- Cyan (9%)
- Magenta (0%)
- Yellow (47%)
- Black (40%)





- Cyan (45%)
- Magenta (40%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.2807, 0.3652, 0.4483 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 29.2807, 0.3652, 0.4483 by changing the saturation by 10% instead.


 29.2807, 0.3652,
0.4483


 29.2807, 0.3652,
0.4483


298.5371, 0.3393,
0.3829

 19.2933, 0.3709,
0.4662


 58.5228, 0.3562,
0.4233

 11.8824, 0.3773,
0.4898


 78.5462, 0.3526,
0.4142


 6.6636, 0.3835,
0.5217


 102.6837, 0.3496,
0.4067

 3.2526, 0.4059,
0.5941

 131.3198, 0.3470,
0.4004

 1.2650, 0.3736,
0.6264

 164.8388, 0.3447,
0.3951

 0.1139, 0.0000,
1.0000

203.6250, 0.3426,

 0.0000, 0.0000,

0.3905

0.0000

248.0630, 0.3409,
0.3864

■ 29.2807, 0.3652,
0.4483

■ 29.2807, 0.3652,
0.4483

■ 28.8228, 0.3738,
0.4715

■ 29.8006, 0.3551,
0.4233

■ 28.4192, 0.3805,
0.4920

■ 30.3818, 0.3441,
0.3974

■ 28.0672, 0.3848,
0.5087


■ 31.0287, 0.3327,
0.3717


■ 27.7621, 0.3867,
0.5212

■ 31.7442, 0.3211,
0.3467

■ 27.4959, 0.3864,
0.5296


■ 32.5307, 0.3098,
0.3230

 27.4292, 0.3862,
0.5316

 33.3910, 0.2989,
0.3008

 34.3272, 0.2887,
0.2802

 35.3418, 0.2791,
0.2615

 36.4368, 0.2702,
0.2444

Harmonies

Analogous

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



29.2807, 0.4174, 0.4243



29.2807, 0.3652, 0.4483



29.2807, 0.3019, 0.4332

Triad

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



29.2807, 0.3652, 0.4483



29.2807, 0.1976, 0.2585



29.2807, 0.3794, 0.2840

Complementary

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



29.2807, 0.3652, 0.4483



10.6557, 0.2408, 0.1900

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.



29.2807, 0.3128, 0.2484



29.2807, 0.3652, 0.4483



29.2807, 0.2129, 0.2319

Square

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



29.2807, 0.3652, 0.4483



29.2807, 0.2081, 0.3104



29.2807, 0.2528, 0.2297



29.2807, 0.4290, 0.3303

Rectangle

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



29.2807, 0.3652, 0.4483



29.2807, 0.2621, 0.3996



29.2807, 0.2528, 0.2297



29.2807, 0.3578, 0.2706

Sweetspot

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



29.2820, 0.3652, 0.4483



56.7495, 0.3291, 0.3638



15.5413, 0.4266, 0.3517



12.7871, 0.3314, 0.3689



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



29.2820, 0.3652, 0.4483



52.2932, 0.3744, 0.4732



26.6596, 0.3271, 0.4647



7.1629, 0.3232, 0.3512



22.3587, 0.3864, 0.5314



0.3480, 0.4021, 0.5189

Inverse Universe

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



10.6557, 0.2408, 0.1900



14.2263, 0.2208, 0.1552



13.0371, 0.2863, 0.2060



6.0807, 0.3016, 0.3062



2.1334, 0.1607, 0.0659



0.0442, 0.1951, 0.0848

Previews

White Background



This preview shows how the Yxy color 29.2807, 0.3652, 0.4483 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 29.2807, 0.3652, 0.4483 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

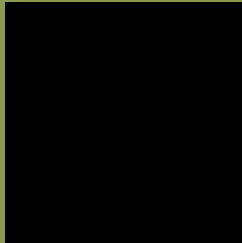
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.2807, 0.3652, 0.4483

Background



This preview shows how black text looks on a background with the Yxy color 29.2807, 0.3652, 0.4483.



This preview shows how white text looks on a background with the Yxy color 29.2807, 0.3652, 0.4483.

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

29.2807, 0.3652, 0.4483

Protanopia

29.1133, 0.3964, 0.4315

Deuteranopia

28.9800, 0.4166, 0.4083



Tritanopia

29.0747, 0.3053, 0.3104

Trichromacy



Original Color

29.2807, 0.3652, 0.4483

Protanomaly

29.2619, 0.3843, 0.4379

Deuteranomaly

28.8747, 0.3977, 0.4221

Tritanomaly

28.8758, 0.3291, 0.3599

Monochromacy



Original Color

29.2807, 0.3652, 0.4483

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

27.5524, 0.3341, 0.3743

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.2807, 0.3652, 0.4483 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(140, 154, 81)` looks like.

```
.text, #text, p{  
    color:rgb(140, 154, 81)  
}
```

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(140, 154, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 154, 81) }
```

Border

The CSS property to change the border of an element to Yxy 29.2807, 0.3652, 0.4483 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(140, 154, 81) }
```

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

```
.border{ border-color:rgb(140, 154, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 154, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 154, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 154, 81);  
box-shadow:4px 4px 4px 4px rgb(140, 154,  
81) }
```


Background

The CSS property to change the background color of an element to Yxy 29.2807, 0.3652, 0.4483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 154, 81) }
```

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

```
.background{ background-color: rgb(140,  
154, 81) }
```

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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