

Converting Colors

Yxy(34.5829, 0.4414, 0.4783)

Have a look what the booklet for
Yxy(34.5829, 0.4414, 0.4783)
contains.

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Color

Yxy(34.5829, 0.4414, 0.4783)

Conversions

Conversions Part 1

Format	Color
Hex	B79E17
RGB	183, 158, 23
RGB Percent	72%, 62%, 9%
CMY	0.2823, 0.3804, 0.9096
CMYK	0.00, 0.14, 0.87, 0.28
HSL	51°, 78%, 40%
HSV	51°, 87%, 72%
XYZ	31.9149, 34.5829, 5.8060
YIQ	150.0850, 58.2350, -36.6850

Conversions

Conversions Part 2

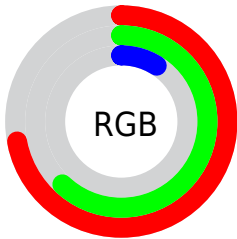
Format	Color
RYB	53, 183, 23
Decimal	12033559
CIELab	65.42, -3.43, 65.11
CIELCh	65, 65.196, 93.018
Yxy	34.5829, 0.4414, 0.4783
Android (android.graphics.Color)	4290223639 (0xFFB79E17)
YUV	150.0850, -62.6529, 28.8665
Hunter-Lab	58.8072, -6.0401, 35.3114

Details

The Yxy color **34.5829, 0.4414, 0.4783** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **5.7233, 0.1631, 0.0937**, and the grayscale version is **30.7943, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.7817, 0.4228, 0.4546**, and **14.8754, 0.4462, 0.4839** is the 20% darker color. If you saturate the color by 10%, you get **33.5673, 0.4482, 0.4807**, and if you desaturate by 10%, it is **35.6734, 0.4319, 0.4717**.

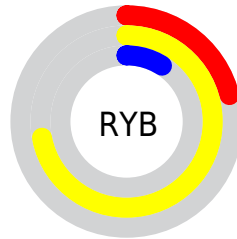
Distribution



Red (72%)

Green (62%)

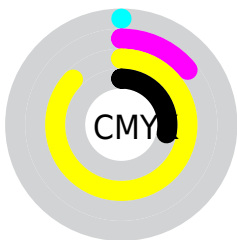
Blue (9%)



Red (21%)

Yellow (72%)

Blue (9%)

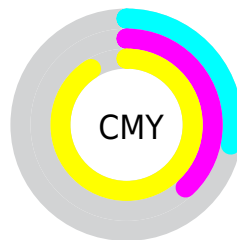


Cyan (0%)

Magenta (14%)

Yellow (87%)

Black (28%)



Cyan (28%)


Magenta (38%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.5829, 0.4414, 0.4783 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 34.5829, 0.4414, 0.4783 by changing the saturation by 10% instead.

 34.5829, 0.4414,
0.4783


 34.5829, 0.4414,
0.4783


322.7234, 0.3820,
0.4076


 23.3418, 0.4521,
0.4919


 66.8391, 0.4224,
0.4551


 14.8461, 0.4625,
0.5060


 88.6230, 0.4144,
0.4455

 8.7114, 0.4756,
0.5244


 114.6898, 0.4073,
0.4371

 4.5534, 0.4728,
0.5272

 145.4241, 0.4010,
0.4297

 1.9877, 0.4681,
0.5319

 181.2102, 0.3954,
0.4231

 0.6003, 0.4478,
0.5522

 222.4326, 0.3905,

 0.0000, 0.0000,

0.4174

0.0000

269.4755, 0.3860,
0.4122

■ 34.5829, 0.4414,
0.4783

■ 34.5829, 0.4414,
0.4783

■ 33.5673, 0.4482,
0.4807

■ 35.6734, 0.4319,
0.4717

■ 33.3101, 0.4499,
0.4810

■ 36.8447, 0.4197,
0.4607

■ 38.1059, 0.4053,
0.4458

■ 39.4634, 0.3895,
0.4278

■ 40.9227, 0.3728,
0.4078

■ 42.4892, 0.3560,
0.3866

■ 44.1673, 0.3395,
0.3652

■ 45.9617, 0.3238,
0.3441

■ 47.8763, 0.3090,
0.3238

Harmonies

Analogous

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



34.5829, 0.4984, 0.4114



34.5829, 0.4414, 0.4783



34.5829, 0.3561, 0.5160

Triad

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



34.5829, 0.4414, 0.4783



34.5829, 0.1540, 0.2692



34.5829, 0.3392, 0.2254

Complementary

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



34.5829, 0.4414, 0.4783



5.7233, 0.1631, 0.0937

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.



34.5829, 0.2446, 0.1927



34.5829, 0.4414, 0.4783



34.5829, 0.1518, 0.2080

Square

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



34.5829, 0.4414, 0.4783



34.5829, 0.1913, 0.3725



34.5829, 0.1814, 0.1854



34.5829, 0.4406, 0.2782

Rectangle

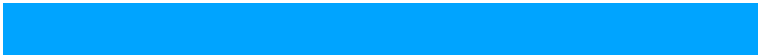
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



34.5829, 0.4414, 0.4783



34.5829, 0.2943, 0.5014



34.5829, 0.1814, 0.1854



34.5829, 0.3050, 0.2119

Sweetspot

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



34.5846, 0.4414, 0.4783



76.3584, 0.3544, 0.3845



10.9130, 0.5776, 0.3088



16.6452, 0.3602, 0.3919



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



34.5846, 0.4414, 0.4783



59.3597, 0.4504, 0.4805



38.6616, 0.3656, 0.5384



10.2575, 0.3267, 0.3481



23.3128, 0.4494, 0.4813



0.8870, 0.4405, 0.4884

Inverse Universe

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



5.7233, 0.1631, 0.0937



7.4529, 0.1532, 0.0715



5.5867, 0.1892, 0.0891



8.9404, 0.2984, 0.3091



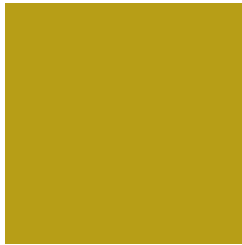
3.0524, 0.1541, 0.0747



0.1794, 0.1653, 0.1150

Previews

White Background



This preview shows how the Yxy color 34.5829, 0.4414, 0.4783 looks on a white background.

Color Contrast Check

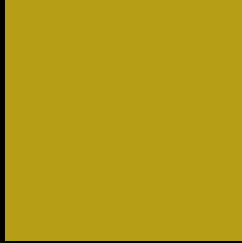
Large Text (above 18pt) WCAG AA × Fail

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 34.5829, 0.4414, 0.4783 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 34.5829, 0.4414, 0.4783

Background



This preview shows how black text looks on a background with the Yxy color 34.5829, 0.4414, 0.4783.

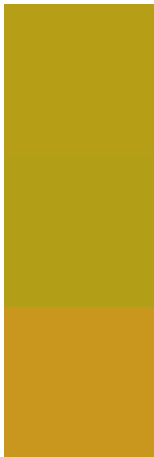


This preview shows how white text looks on a background with the Yxy color 34.5829, 0.4414, 0.4783.

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

34.5829, 0.4414, 0.4783

Protanopia

34.4418, 0.4362, 0.4824

Deuteranopia

34.6394, 0.4655, 0.4558



Tritanopia

34.5425, 0.3490, 0.3144

Trichromacy



Original Color

34.5829, 0.4414, 0.4783

Protanomaly

34.5614, 0.4372, 0.4816

Deuteranomaly

34.6597, 0.4558, 0.4646

Tritanomaly

34.0562, 0.3953, 0.3867

Monochromacy



Original Color

34.5829, 0.4414, 0.4783

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

31.4633, 0.3696, 0.4039

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.5829, 0.4414, 0.4783 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(183, 158, 23)` looks like.

```
.text, #text, p{  
    color:rgb(183, 158, 23)  
}
```

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(183, 158, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 158, 23) }
```

Border

The CSS property to change the border of an element to Yxy 34.5829, 0.4414, 0.4783 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(183, 158, 23) }
```

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

```
.border{ border-color:rgb(183, 158, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 158, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 158, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 158, 23);  
box-shadow:4px 4px 4px 4px rgb(183, 158,  
23) }
```


Background

The CSS property to change the background color of an element to Yxy 34.5829, 0.4414, 0.4783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 158, 23) }
```

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

```
.background{ background-color: rgb(183,  
158, 23) }
```

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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