

Converting Colors

$Y_{xy}(25.2500, 0.4793, 0.4470)$

Have a look what the booklet for
Yxy(25.2500, 0.4793, 0.4470)
contains.

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Color

Yxy(25.1780, 0.4795, 0.4469)

Conversions

Conversions Part 1

Format	Color
Hex	B67F15
RGB	182, 127, 21
RGB Percent	71%, 50%, 8%
CMY	0.2863, 0.5019, 0.9175
CMYK	0.00, 0.30, 0.88, 0.29
HSL	40°, 79%, 40%
HSV	40°, 88%, 71%
XYZ	27.0147, 25.1780, 4.1466
YIQ	131.3610, 66.8060, -21.3060

Conversions

Conversions Part 2

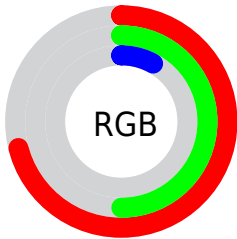
Format	Color
RYB	105, 182, 21
Decimal	11960085
CIELab	57.25, 13.02, 59.00
CIELCh	57, 60.421, 77.558
Yxy	25.1780, 0.4795, 0.4469
Android (android.graphics.Color)	4290150165 (0xFFB67F15)
YUV	131.3610, -54.4080, 44.4104
Hunter-Lab	50.1777, 8.2899, 30.2248

Details

The Yxy color **25.1780, 0.4795, 0.4469** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **8.7067, 0.1734, 0.1332**, and the grayscale version is **23.0155, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.0698, 0.4497, 0.4311**, and **9.7339, 0.5001, 0.4411** is the 20% darker color. If you saturate the color by 10%, you get **23.5746, 0.4933, 0.4453**, and if you desaturate by 10%, it is **26.9288, 0.4628, 0.4439**.

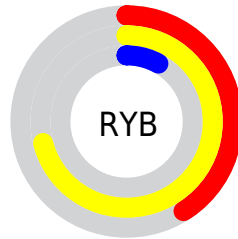
Distribution



Red (71%)

Green (50%)

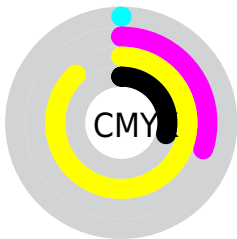
Blue (8%)



Red (41%)

Yellow (71%)

Blue (8%)

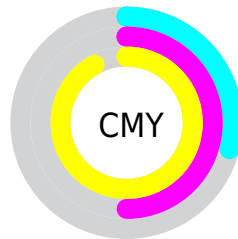


Cyan (0%)

Magenta (30%)

Yellow (88%)

Black (29%)



Cyan (29%)


Magenta (50%)


Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.1780, 0.4795, 0.4469 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 25.1780, 0.4795, 0.4469 by changing the saturation by 10% instead.


 25.1780, 0.4795,
0.4469


 25.1780, 0.4795,
0.4469


278.7232, 0.3951,
0.3934


 16.2097, 0.4973,
0.4549


 51.9458, 0.4504,
0.4307

 9.6727, 0.5194,
0.4631


 70.5142, 0.4388,
0.4234

 5.1825, 0.5379,
0.4621

 93.0514, 0.4288,
0.4169

 2.3547, 0.5523,
0.4477

 119.9417, 0.4202,
0.4111

 0.8024, 0.5790,
0.4210

 151.5697, 0.4127,
0.4059

 0.0000, 1.0000,
0.0000

 188.3197, 0.4061,

 0.0000, 0.0000,

0.4013

0.0000

230.5761, 0.4002,
0.3971

25.1780, 0.4795,
0.4469

25.1780, 0.4795,
0.4469

23.5746, 0.4933,
0.4453

26.9288, 0.4628,
0.4439

23.3352, 0.4954,
0.4449

28.8370, 0.4437,
0.4361

30.9130, 0.4230,
0.4244

33.1646, 0.4018,
0.4099

35.5990, 0.3810,
0.3936

■ 38.2225, 0.3611,
0.3765

■ 41.0414, 0.3426,
0.3593

■ 44.0614, 0.3257,
0.3425

■ 47.2879, 0.3104,
0.3266

Harmonies

Analogous

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



25.1780, 0.5138, 0.3755



25.1780, 0.4795, 0.4469



25.1780, 0.4036, 0.5075

Triad

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



25.1780, 0.4795, 0.4469



25.1780, 0.1648, 0.3174



25.1780, 0.2864, 0.2027

Complementary

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



25.1780, 0.4795, 0.4469



8.7067, 0.1734, 0.1332

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.



25.1780, 0.2050, 0.1823



25.1780, 0.4795, 0.4469



25.1780, 0.1451, 0.2312

Square

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



25.1780, 0.4795, 0.4469



25.1780, 0.2225, 0.4354



25.1780, 0.1588, 0.1895



25.1780, 0.3923, 0.2469

Rectangle

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



25.1780, 0.4795, 0.4469



25.1780, 0.3420, 0.5220



25.1780, 0.1588, 0.1895



25.1780, 0.2555, 0.1930

Sweetspot

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



25.1793, 0.4795, 0.4469



69.7951, 0.3592, 0.3748



11.0222, 0.5221, 0.2752



15.0473, 0.3658, 0.3806



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.



25.1793, 0.4795, 0.4469



41.8562, 0.4969, 0.4436



40.7595, 0.3933, 0.5183



9.9727, 0.3272, 0.3440



16.6083, 0.4943, 0.4457



0.6956, 0.4705, 0.4647

Inverse Universe

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



8.7067, 0.1734, 0.1332



12.0087, 0.1632, 0.1074



4.4761, 0.1665, 0.0760



9.2076, 0.2985, 0.3135



4.9433, 0.1645, 0.1123



0.2921, 0.1798, 0.1671

Previews

White Background



This preview shows how the Yxy color 25.1780, 0.4795, 0.4469 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 25.1780, 0.4795, 0.4469 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 25.1780, 0.4795, 0.4469

Background



This preview shows how black text looks on a background with the Yxy color 25.1780, 0.4795, 0.4469.



This preview shows how white text looks on a background with the Yxy color 25.1780, 0.4795, 0.4469.

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

25.1780, 0.4795, 0.4469

Protanopia

25.2115, 0.4336, 0.4801

Deuteranopia

25.2749, 0.4665, 0.4591



Tritanopia

25.1805, 0.3904, 0.3166

Trichromacy



Original Color

25.1780, 0.4795, 0.4469

Protanomaly

25.1114, 0.4507, 0.4677

Deuteranomaly

25.3594, 0.4708, 0.4551

Tritanomaly

24.8184, 0.4360, 0.3751

Monochromacy



Original Color

25.1780, 0.4795, 0.4469

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

23.2046, 0.3815, 0.3943

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1780, 0.4795, 0.4469 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(182, 127, 21)` looks like.

```
.text, #text, p{  
    color:rgb(182, 127, 21)  
}
```

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(182, 127, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 127, 21) }
```

Border

The CSS property to change the border of an element to Yxy 25.1780, 0.4795, 0.4469 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(182, 127, 21) }
```

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

```
.border{ border-color:rgb(182, 127, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 127, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 127, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 127, 21);  
box-shadow:4px 4px 4px 4px rgb(182, 127,  
21) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1780, 0.4795, 0.4469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 127, 21) }
```

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

```
.background{ background-color: rgb(182,  
127, 21) }
```

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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