

Converting Colors

$Yxy(27.5842, 0.4699, 0.4532)$

Have a look what the booklet for
Yxy(27.5842, 0.4699, 0.4532)
contains.

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Color

$\text{Yxy}(27.5842, 0.4699, 0.4532)$

Conversions

Conversions Part 1

Format	Color
Hex	B88718
RGB	184, 135, 24
RGB Percent	72%, 53%, 9%
CMY	0.2783, 0.4706, 0.9059
CMYK	0.00, 0.27, 0.87, 0.28
HSL	42°, 77%, 41%
HSV	42°, 87%, 72%
XYZ	28.6007, 27.5842, 4.6805
YIQ	136.9970, 64.8350, -24.1330

Conversions

Conversions Part 2

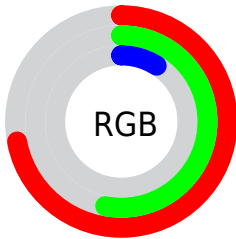
Format	Color
R_{YB}	95, 184, 24
Decimal	12093208
CIE _{Lab}	59.51, 9.58, 60.13
CIE _{LCh}	60, 60.889, 80.952
Yxy	27.5842, 0.4699, 0.4532
Android (android.graphics.Color)	4290283288 (0xFFB88718)
YUV	136.9970, -55.7075, 41.2216
Hunter-Lab	52.5207, 5.2928, 31.4806

Details

The Yxy color **27.5842, 0.4699, 0.4532** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **8.4249, 0.1724, 0.1272**, and the grayscale version is **25.2125, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.7936, 0.4431, 0.4354**, and **11.0912, 0.4863, 0.4521** is the 20% darker color. If you saturate the color by 10%, you get **26.0000, 0.4824, 0.4528**, and if you desaturate by 10%, it is **29.3050, 0.4544, 0.4488**.

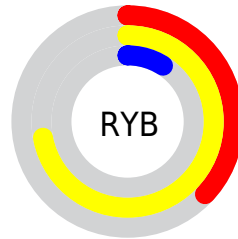
Distribution



Red (72%)

Green (53%)

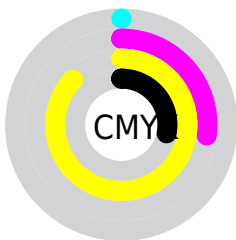
Blue (9%)



Red (37%)

Yellow (72%)

Blue (9%)

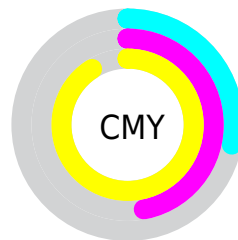


Cyan (0%)

Magenta (27%)

Yellow (87%)

Black (28%)



Cyan (28%)


Magenta (47%)

Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.5842, 0.4699, 0.4532 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 27.5842, 0.4699, 0.4532 by changing the saturation by 10% instead.


 27.5842, 0.4699,
0.4532


 27.5842, 0.4699,
0.4532


290.4747, 0.3918,
0.3961


 18.0125, 0.4859,
0.4626

 55.8199, 0.4433,
0.4354


 10.9589, 0.5043,
0.4717


 75.2527, 0.4327,
0.4276

 6.0392, 0.5230,
0.4770

 98.7412, 0.4234,
0.4207

 2.8689, 0.5328,
0.4672

 126.6700, 0.4154,
0.4146

 1.0637, 0.5498,
0.4502

 159.4233, 0.4084,
0.4092

 0.0000, 1.0000,
0.0000

 197.3856, 0.4022,

 0.0000, 0.0000,

0.4043

0.0000

240.9413, 0.3967,
0.4000

27.5842, 0.4699,
0.4532

27.5842, 0.4699,
0.4532

26.0000, 0.4824,
0.4528

29.3050, 0.4544,
0.4488

25.5383, 0.4861,
0.4523

31.1696, 0.4364,
0.4398

33.1880, 0.4169,
0.4270

35.3676, 0.3968,
0.4114

37.7152, 0.3769,
0.3942

■ 40.2370, 0.3577,
0.3762

■ 42.9387, 0.3398,
0.3582

■ 45.8257, 0.3233,
0.3407

■ 48.9030, 0.3083,
0.3240

Harmonies

Analogous

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



27.5842, 0.5089, 0.3833



27.5842, 0.4699, 0.4532



27.5842, 0.3926, 0.5085

Triad

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



27.5842, 0.4699, 0.4532



27.5842, 0.1636, 0.3062



27.5842, 0.2981, 0.2087

Complementary

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



27.5842, 0.4699, 0.4532



8.4249, 0.1724, 0.1272

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.



27.5842, 0.2144, 0.1857



27.5842, 0.4699, 0.4532



27.5842, 0.1479, 0.2267

Square

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



27.5842, 0.4699, 0.4532



27.5842, 0.2163, 0.4200



27.5842, 0.1649, 0.1897



27.5842, 0.4024, 0.2546

Rectangle

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



27.5842, 0.4699, 0.4532



27.5842, 0.3315, 0.5164



27.5842, 0.1649, 0.1897



27.5842, 0.2667, 0.1983

Sweetspot

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



27.5856, 0.4699, 0.4532



73.1666, 0.3568, 0.3753



11.3502, 0.5290, 0.2811



15.4259, 0.3632, 0.3815



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.



27.5856, 0.4699, 0.4532



45.8385, 0.4874, 0.4512



41.2954, 0.3881, 0.5209



10.0263, 0.3271, 0.3448



17.7250, 0.4850, 0.4531



0.7289, 0.4644, 0.4695

Inverse Universe

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



8.4249, 0.1724, 0.1272



11.0970, 0.1607, 0.0986



4.8809, 0.1713, 0.0799



9.1563, 0.2985, 0.3127



4.4713, 0.1621, 0.1034



0.2707, 0.1773, 0.1581

Previews

White Background



This preview shows how the Yxy color 27.5842, 0.4699, 0.4532 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 27.5842, 0.4699, 0.4532 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 27.5842, 0.4699, 0.4532

Background



This preview shows how black text looks on a background with the Yxy color 27.5842, 0.4699, 0.4532.



This preview shows how white text looks on a background with the Yxy color 27.5842, 0.4699, 0.4532.

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

27.5842, 0.4699, 0.4532

Protanopia

27.7025, 0.4338, 0.4796

Deuteranopia

27.4939, 0.4658, 0.4571



Tritanopia

27.6181, 0.3792, 0.3167

Trichromacy



Original Color

27.5842, 0.4699, 0.4532

Protanomaly

27.6660, 0.4468, 0.4704

Deuteranomaly

27.6153, 0.4668, 0.4563

Tritanomaly

27.2181, 0.4238, 0.3763

Monochromacy



Original Color

27.5842, 0.4699, 0.4532

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.3229, 0.3774, 0.3942

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.5842, 0.4699, 0.4532 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(184, 135, 24)` looks like.

```
.text, #text, p{  
    color:rgb(184, 135, 24)  
}
```

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(184, 135, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 135, 24) }
```

Border

The CSS property to change the border of an element to Yxy 27.5842, 0.4699, 0.4532 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(184, 135, 24) }
```

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

```
.border{ border-color:rgb(184, 135, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 135, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 135, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 135, 24);  
box-shadow:4px 4px 4px 4px rgb(184, 135,  
24) }
```


Background

The CSS property to change the background color of an element to Yxy 27.5842, 0.4699, 0.4532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 135, 24) }
```

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

```
.background{ background-color: rgb(184,  
135, 24) }
```

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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