

Converting Colors

$Y_{xy}(25.5006, 0.4707, 0.4297)$

Have a look what the booklet for
Yxy(25.5006, 0.4707, 0.4297)
contains.

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Color

$\text{Yxy}(25.4255, 0.4713, 0.4289)$

Conversions

Conversions Part 1

Format	Color
Hex	B97E2D
RGB	185, 126, 45
RGB Percent	73%, 49%, 18%
CMY	0.2746, 0.5058, 0.8236
CMYK	0.00, 0.32, 0.76, 0.27
HSL	35°, 61%, 45%
HSV	35°, 76%, 73%
XYZ	27.9390, 25.4255, 5.9162
YIQ	134.4070, 61.1650, -12.6830

Conversions

Conversions Part 2

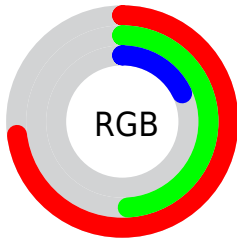
Format	Color
RYB	147, 185, 45
Decimal	12156461
CIELab	57.49, 15.69, 50.95
CIElCh	57, 53.314, 72.880
Yxy	25.4255, 0.4713, 0.4289
Android (android.graphics.Color)	4290346541 (0xFFB97E2D)
YUV	134.4070, -44.0777, 44.3701
Hunter-Lab	50.4237, 10.6626, 28.3401

Details

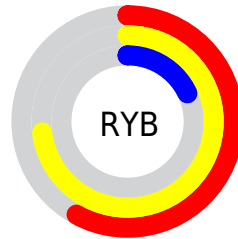
The Yxy color **25.4255, 0.4713, 0.4289** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **13.9518, 0.1931, 0.1823**, and the grayscale version is **24.1469, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.4972, 0.4413, 0.4145**, and **9.8198, 0.5065, 0.4360** is the 20% darker color. If you saturate the color by 10%, you get **23.3981, 0.4925, 0.4316**, and if you desaturate by 10%, it is **27.6731, 0.4480, 0.4215**.

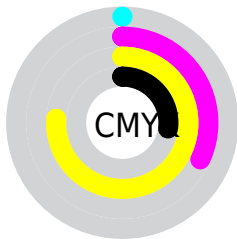
Distribution



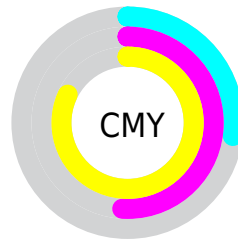
- Red (73%)
- Green (49%)
- Blue (18%)



- Red (58%)
- Yellow (73%)
- Blue (18%)



- Cyan (0%)
- Magenta (32%)
- Yellow (76%)
- Black (27%)





- Cyan (27%)
- Magenta (51%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.4255, 0.4713, 0.4289 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 25.4255, 0.4713, 0.4289 by changing the saturation by 10% instead.


 25.4255, 0.4713,
0.4289


 25.4255, 0.4713,
0.4289


279.9504, 0.3884,
0.3825


 16.3944, 0.4907,
0.4367


 52.3467, 0.4415,
0.4142


 9.8036, 0.5134,
0.4433


 71.0055, 0.4301,
0.4079

 5.2690, 0.5475,
0.4525

 93.6423, 0.4204,
0.4023

 2.4059, 0.5643,
0.4357

 120.6415, 0.4121,
0.3974

 0.8289, 0.5946,
0.4054

 152.3876, 0.4050,
0.3930

 0.0000, 1.0000,
0.0000

 189.2648, 0.3987,

 0.0000, 0.0000,

0.3891

0.0000

231.6576, 0.3933,
0.3857

■ 25.4255, 0.4713,
0.4289

■ 25.4255, 0.4713,
0.4289

■ 23.3981, 0.4925,
0.4316

■ 27.6731, 0.4480,
0.4215

■ 21.5745, 0.5105,
0.4290

■ 30.1476, 0.4240,
0.4105

■ 20.8409, 0.5178,
0.4271

■ 32.8601, 0.4003,
0.3970

■ 35.8191, 0.3779,
0.3821

■ 39.0329, 0.3571,
0.3668

■ 42.5091, 0.3383,
0.3516

■ 46.2549, 0.3214,
0.3370

■ 50.2773, 0.3065,
0.3231

■ 54.5828, 0.2933,
0.3103

Harmonies

Analogous

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



25.4255, 0.4912, 0.3646



25.4255, 0.4713, 0.4289



25.4255, 0.4092, 0.4829

Triad

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



25.4255, 0.4713, 0.4289



25.4255, 0.1863, 0.3356



25.4255, 0.2768, 0.2103

Complementary

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



25.4255, 0.4713, 0.4289



13.9518, 0.1931, 0.1823

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.



25.4255, 0.2075, 0.1955



25.4255, 0.4713, 0.4289



25.4255, 0.1618, 0.2527

Square

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



25.4255, 0.4713, 0.4289



25.4255, 0.2448, 0.4359



25.4255, 0.1694, 0.2076



25.4255, 0.3687, 0.2480

Rectangle

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



25.4255, 0.4713, 0.4289



25.4255, 0.3552, 0.4982



25.4255, 0.1694, 0.2076



25.4255, 0.2504, 0.2027

Sweetspot

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



25.4268, 0.4713, 0.4289



71.3141, 0.3526, 0.3633



13.2215, 0.4559, 0.2562



14.9083, 0.3597, 0.3688



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.



25.4268, 0.4713, 0.4289



39.6523, 0.5051, 0.4304



44.0697, 0.4013, 0.4962



9.8522, 0.3274, 0.3422



14.3402, 0.5162, 0.4283



0.6252, 0.4850, 0.4531

Inverse Universe

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



13.9518, 0.1931, 0.1823



18.3510, 0.1758, 0.1469



6.1711, 0.1758, 0.0966



9.3246, 0.2985, 0.3154



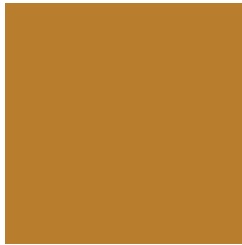
6.2258, 0.1708, 0.1349



0.3426, 0.1853, 0.1870

Previews

White Background



This preview shows how the Yxy color 25.4255, 0.4713, 0.4289 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 25.4255, 0.4713, 0.4289 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 25.4255, 0.4713, 0.4289

Background



This preview shows how black text looks on a background with the Yxy color 25.4255, 0.4713, 0.4289.



This preview shows how white text looks on a background with the Yxy color 25.4255, 0.4713, 0.4289.

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

25.4255, 0.4713, 0.4289

Protanopia

25.6472, 0.4199, 0.4625

Deuteranopia

25.2913, 0.4533, 0.4446



Tritanopia

25.4363, 0.3928, 0.3167

Trichromacy



Original Color

25.4255, 0.4713, 0.4289

Protanomaly

25.3624, 0.4390, 0.4496

Deuteranomaly

25.2295, 0.4596, 0.4386

Tritanomaly

25.2292, 0.4274, 0.3626

Monochromacy



Original Color

25.4255, 0.4713, 0.4289

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.9642, 0.3721, 0.3770

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4255, 0.4713, 0.4289 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(185, 126, 45)` looks like.

```
.text, #text, p{  
    color:rgb(185, 126, 45)  
}
```

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(185, 126, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 126, 45) }
```

Border

The CSS property to change the border of an element to Yxy 25.4255, 0.4713, 0.4289 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(185, 126, 45) }
```

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

```
.border{ border-color:rgb(185, 126, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 126, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 126, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 126, 45);  
box-shadow:4px 4px 4px 4px rgb(185, 126,  
45) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4255, 0.4713, 0.4289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 126, 45) }
```

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

```
.background{ background-color: rgb(185,  
126, 45) }
```

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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