

Converting Colors

$Y_{xy}(27.2519, 0.4546, 0.4372)$

Have a look what the booklet for
Yxy(27.2519, 0.4546, 0.4372)
contains.

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Color

Yxy(27.2256, 0.4550, 0.4363)

Conversions

Conversions Part 1

Format	Color
Hex	B68632
RGB	182, 134, 50
RGB Percent	71%, 53%, 20%
CMY	0.2863, 0.4745, 0.8037
CMYK	0.00, 0.26, 0.72, 0.29
HSL	38°, 57%, 46%
HSV	38°, 72%, 71%
XYZ	28.3925, 27.2256, 6.7830
YIQ	138.7760, 55.5720, -15.9480

Conversions

Conversions Part 2

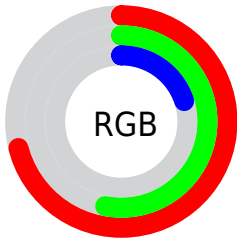
Format	Color
R_{YB}	125, 182, 50
Decimal	11961906
CIE _{Lab}	59.18, 10.18, 50.34
CIE _{LCh}	59, 51.360, 78.571
Yxy	27.2256, 0.4550, 0.4363
Android (android.graphics.Color)	4290151986 (0xFFB68632)
YUV	138.7760, -43.7666, 37.9074
Hunter-Lab	52.1782, 5.8182, 28.8172

Details

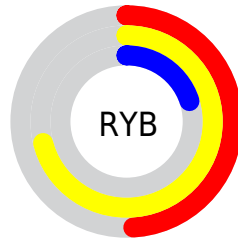
The Yxy color **27.2256, 0.4550, 0.4363** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **12.8020, 0.1938, 0.1756**, and the grayscale version is **25.8866, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.1810, 0.4286, 0.4194**, and **10.8570, 0.4869, 0.4516** is the 20% darker color. If you saturate the color by 10%, you get **25.3265, 0.4743, 0.4418**, and if you desaturate by 10%, it is **29.3044, 0.4339, 0.4265**.

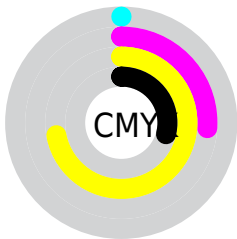
Distribution



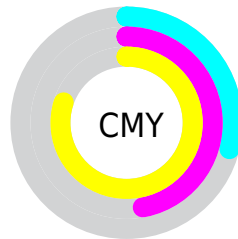
- Red (71%)
- Green (53%)
- Blue (20%)



- Red (49%)
- Yellow (71%)
- Blue (20%)



- Cyan (0%)
- Magenta (26%)
- Yellow (72%)
- Black (29%)



- Cyan (29%)
- Magenta (47%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.2256, 0.4550, 0.4363 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 27.2256, 0.4550, 0.4363 by changing the saturation by 10% instead.


 27.2256, 0.4550,
0.4363


 27.2256, 0.4550,
0.4363


288.7478, 0.3816,
0.3847

 17.7427, 0.4720,
0.4463


 55.2457, 0.4288,
0.4192

 10.7654, 0.4918,
0.4563


 74.5517, 0.4187,
0.4121

 5.9093, 0.5255,
0.4745

 97.9008, 0.4101,
0.4060

 2.7900, 0.5360,
0.4640

 125.6775, 0.4027,
0.4006

 1.0231, 0.5543,
0.4457

 158.2662, 0.3964,
0.3959

 0.0000, 1.0000,
0.0000

 196.0512, 0.3908,

 0.0000, 0.0000,

0.3917

0.0000

239.4169, 0.3859,
0.3880

■ 27.2256, 0.4550,
0.4363

■ 27.2256, 0.4550,
0.4363

■ 25.3265, 0.4743,
0.4418

■ 29.3044, 0.4339,
0.4265

■ 23.5930, 0.4907,
0.4423

■ 31.5676, 0.4120,
0.4134

■ 22.3881, 0.5014,
0.4400

■ 34.0242, 0.3903,
0.3981

■ 36.6812, 0.3695,
0.3817

■ 39.5453, 0.3502,
0.3650

■ 42.6227, 0.3325,
0.3486

■ 45.9192, 0.3164,
0.3328

■ 49.4403, 0.3021,
0.3179

■ 53.1914, 0.2893,
0.3041

Harmonies

Analogous

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



27.2256, 0.4819, 0.3759



27.2256, 0.4550, 0.4363



27.2256, 0.3914, 0.4811

Triad

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



27.2256, 0.4550, 0.4363



27.2256, 0.1858, 0.3186



27.2256, 0.2945, 0.2212

Complementary

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



27.2256, 0.4550, 0.4363



12.8020, 0.1938, 0.1756

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.



27.2256, 0.2232, 0.2026



27.2256, 0.4550, 0.4363



27.2256, 0.1680, 0.2464

Square

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



27.2256, 0.4550, 0.4363



27.2256, 0.2362, 0.4124



27.2256, 0.1808, 0.2093



27.2256, 0.3825, 0.2610

Rectangle

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



27.2256, 0.4550, 0.4363



27.2256, 0.3387, 0.4869



27.2256, 0.1808, 0.2093



27.2256, 0.2679, 0.2124

Sweetspot

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



27.2270, 0.4550, 0.4363



71.7644, 0.3500, 0.3648



13.1212, 0.4645, 0.2690



15.5326, 0.3550, 0.3693



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.



27.2270, 0.4550, 0.4363



44.0050, 0.4845, 0.4427



41.6203, 0.3909, 0.4975



9.9390, 0.3272, 0.3435



15.9410, 0.5002, 0.4410



0.6752, 0.4744, 0.4615

Inverse Universe

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



12.8020, 0.1938, 0.1756



16.6947, 0.1750, 0.1391



6.8803, 0.1873, 0.1079



9.2400, 0.2985, 0.3141



5.2700, 0.1662, 0.1183



0.3056, 0.1813, 0.1726

Previews

White Background



This preview shows how the Yxy color 27.2256, 0.4550, 0.4363 looks on a white background.

Color Contrast Check

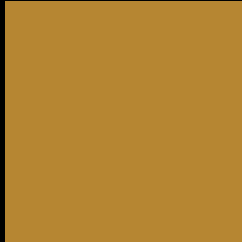
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.2256, 0.4550, 0.4363 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 27.2256, 0.4550, 0.4363

Background



This preview shows how black text looks on a background with the Yxy color 27.2256, 0.4550, 0.4363.



This preview shows how white text looks on a background with the Yxy color 27.2256, 0.4550, 0.4363.

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

27.2256, 0.4550, 0.4363

Protanopia

27.2729, 0.4171, 0.4594

Deuteranopia

27.3036, 0.4484, 0.4413



Tritanopia

27.3623, 0.3769, 0.3166

Trichromacy



Original Color

27.2256, 0.4550, 0.4363

Protanomaly

27.2196, 0.4302, 0.4515

Deuteranomaly

27.1419, 0.4506, 0.4395

Tritanomaly

27.1391, 0.4109, 0.3645

Monochromacy



Original Color

27.2256, 0.4550, 0.4363

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.9214, 0.3660, 0.3777

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.2256, 0.4550, 0.4363 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, 134, 50)` looks like.

```
.text, #text, p{  
    color:rgb(182, 134, 50)  
}
```

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, 134, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 134, 50) }
```

Border

The CSS property to change the border of an element to Yxy 27.2256, 0.4550, 0.4363 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, 134, 50) }
```

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

```
.border{ border-color:rgb(182, 134, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 134, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 134, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 134, 50);  
box-shadow:4px 4px 4px 4px rgb(182, 134,  
50) }
```


Background

The CSS property to change the background color of an element to Yxy 27.2256, 0.4550, 0.4363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 134, 50) }
```

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

```
.background{ background-color: rgb(182,  
134, 50) }
```

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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