

Converting Colors

$Y_{xy}(27.0886, 0.4853, 0.4444)$

Have a look what the booklet for
Yxy(27.0886, 0.4853, 0.4444)
contains.

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Color

Yxy(27.0886, 0.4853, 0.4444)

Conversions

Conversions Part 1

Format	Color
Hex	BF8213
RGB	191, 130, 19
RGB Percent	75%, 51%, 7%
CMY	0.2511, 0.4901, 0.9255
CMYK	0.00, 0.32, 0.90, 0.25
HSL	39°, 82%, 41%
HSV	39°, 90%, 75%
XYZ	29.5817, 27.0886, 4.2852
YIQ	135.5850, 71.9870, -21.5890

Conversions

Conversions Part 2

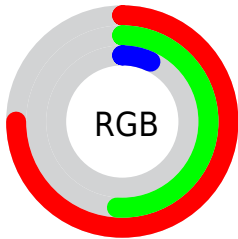
Format	Color
R_{YB}	114, 191, 19
Decimal	12550675
CIE _{Lab}	59.06, 15.32, 61.38
CIE _{LCh}	59, 63.262, 75.981
Yxy	27.0886, 0.4853, 0.4444
Android (android.graphics.Color)	4290740755 (0xFFBF8213)
YUV	135.5850, -57.4764, 48.5990
Hunter-Lab	52.0467, 10.3719, 31.5512

Details

The Yxy color **27.0886, 0.4853, 0.4444** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **9.6299, 0.1726, 0.1326**, and the grayscale version is **24.6565, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.1125, 0.4555, 0.4295**, and **10.7904, 0.5049, 0.4373** is the 20% darker color. If you saturate the color by 10%, you get **25.3096, 0.4992, 0.4418**, and if you desaturate by 10%, it is **29.0444, 0.4686, 0.4426**.

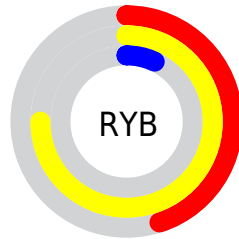
Distribution



Red (75%)

Green (51%)

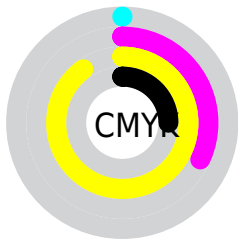
Blue (7%)



Red (45%)

Yellow (75%)

Blue (7%)

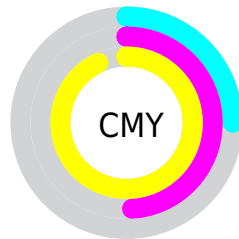


Cyan (0%)

Magenta (32%)

Yellow (90%)

Black (25%)



Cyan (25%)


Magenta (49%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.0886, 0.4853, 0.4444 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 27.0886, 0.4853, 0.4444 by changing the saturation by 10% instead.


 27.0886, 0.4853,
0.4444


 27.0886, 0.4853,
0.4444


288.0859, 0.3991,
0.3939


 17.6398, 0.5031,
0.4513


 55.0260, 0.4559,
0.4296

 10.6917, 0.5247,
0.4575


 74.2834, 0.4441,
0.4228

 5.8599, 0.5441,
0.4559

 97.5791, 0.4339,
0.4167

 2.7601, 0.5595,
0.4405

 125.2974, 0.4250,
0.4111

 1.0078, 0.5860,
0.4140

 157.8229, 0.4173,
0.4061

 0.0000, 1.0000,
0.0000


 195.5399, 0.4105,

 0.0000, 0.0000,


0.4016


0.0000


 238.8327, 0.4045,
0.3976


 27.0886, 0.4853,
0.4444


 27.0886, 0.4853,
0.4444


 25.3096, 0.4992,
0.4418

 29.0444, 0.4686,
0.4426

 31.1827, 0.4492,
0.4359

 33.5156, 0.4281,
0.4251

 36.0523, 0.4064,
0.4111

 38.8013, 0.3850,
0.3953

■ 41.7701, 0.3647,
0.3785

■ 44.9660, 0.3457,
0.3615

■ 48.3955, 0.3284,
0.3449

■ 52.0651, 0.3128,
0.3291

Harmonies

Analogous

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



27.0886, 0.5179, 0.3718



27.0886, 0.4853, 0.4444



27.0886, 0.4092, 0.5083

Triad

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



27.0886, 0.4853, 0.4444



27.0886, 0.1642, 0.3227



27.0886, 0.2805, 0.1989

Complementary

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



27.0886, 0.4853, 0.4444



9.6299, 0.1726, 0.1326

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.



27.0886, 0.1997, 0.1795



27.0886, 0.4853, 0.4444



27.0886, 0.1426, 0.2325

Square

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



27.0886, 0.4853, 0.4444



27.0886, 0.2246, 0.4441



27.0886, 0.1547, 0.1883



27.0886, 0.3881, 0.2425

Rectangle

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



27.0886, 0.4853, 0.4444



27.0886, 0.3470, 0.5265



27.0886, 0.1547, 0.1883



27.0886, 0.2496, 0.1895

Sweetspot

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



27.0900, 0.4853, 0.4444



76.2944, 0.3596, 0.3740



12.1490, 0.5222, 0.2730



16.3319, 0.3663, 0.3799



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



27.0900, 0.4853, 0.4444



44.8667, 0.5008, 0.4406



45.6282, 0.3961, 0.5178



10.5359, 0.3273, 0.3438



16.7938, 0.4979, 0.4429



0.7768, 0.4746, 0.4614

Inverse Universe

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



9.6299, 0.1726, 0.1326



13.6633, 0.1640, 0.1104



4.7169, 0.1630, 0.0726



9.7639, 0.2984, 0.3138



5.3043, 0.1654, 0.1155



0.3327, 0.1794, 0.1658

Previews

White Background



This preview shows how the Yxy color 27.0886, 0.4853, 0.4444 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 27.0886, 0.4853, 0.4444 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 27.0886, 0.4853, 0.4444

Background



This preview shows how black text looks on a background with the Yxy color 27.0886, 0.4853, 0.4444.



This preview shows how white text looks on a background with the Yxy color 27.0886, 0.4853, 0.4444.

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

27.0886, 0.4853, 0.4444

Protanopia

27.2839, 0.4349, 0.4809

Deuteranopia

27.0603, 0.4689, 0.4604



Tritanopia

27.0222, 0.3947, 0.3171

Trichromacy



Original Color

27.0886, 0.4853, 0.4444

Protanomaly

27.0055, 0.4538, 0.4669

Deuteranomaly

26.9999, 0.4753, 0.4544

Tritanomaly

26.6228, 0.4403, 0.3745

Monochromacy



Original Color

27.0886, 0.4853, 0.4444

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.9084, 0.3843, 0.3953

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.0886, 0.4853, 0.4444 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(191, 130, 19)` looks like.

```
.text, #text, p{  
    color:rgb(191, 130, 19)  
}
```

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(191, 130, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 130, 19) }
```

Border

The CSS property to change the border of an element to Yxy 27.0886, 0.4853, 0.4444 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(191, 130, 19) }
```

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

```
.border{ border-color:rgb(191, 130, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 130, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 130, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 130, 19);  
box-shadow:4px 4px 4px 4px rgb(191, 130,  
19) }
```


Background

The CSS property to change the background color of an element to Yxy 27.0886, 0.4853, 0.4444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 130, 19) }
```

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

```
.background{ background-color: rgb(191,  
130, 19) }
```

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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