

Converting Colors

$Y_{xy}(27.0277, 0.4265, 0.3992)$

Have a look what the booklet for
Yxy(27.0277, 0.4265, 0.3992)
contains.

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Color

Yxy(26.9508, 0.4265, 0.3982)

Conversions

Conversions Part 1

Format	Color
Hex	B58453
RGB	181, 132, 83
RGB Percent	71%, 52%, 33%
CMY	0.2903, 0.4823, 0.6745
CMYK	0.00, 0.27, 0.54, 0.29
HSL	30°, 40%, 52%
HSV	30°, 54%, 71%
XYZ	28.8662, 26.9508, 11.8646
YIQ	141.0650, 44.9330, -4.8510

Conversions

Conversions Part 2

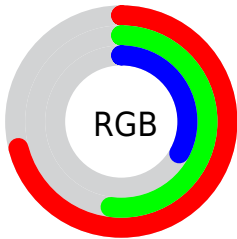
Format	Color
R_{YB}	181, 181, 83
Decimal	11895891
CIE _{Lab}	58.93, 13.12, 33.66
CIE _{LCh}	59, 36.127, 68.706
Yxy	26.9508, 0.4265, 0.3982
Android (android.graphics.Color)	4290085971 (0xFFB58453)
YUV	141.0650, -28.6260, 35.0230
Hunter-Lab	51.9142, 8.4028, 22.7896

Details

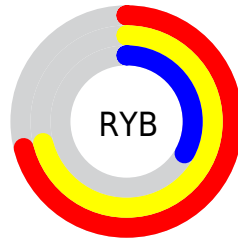
The Yxy color **26.9508, 0.4265, 0.3982** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **21.6711, 0.2273, 0.2444**, and the grayscale version is **26.7646, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.7421, 0.4036, 0.3864**, and **10.6739, 0.4628, 0.4162** is the 20% darker color. If you saturate the color by 10%, you get **24.3598, 0.4536, 0.4080**, and if you desaturate by 10%, it is **29.8302, 0.4006, 0.3862**.

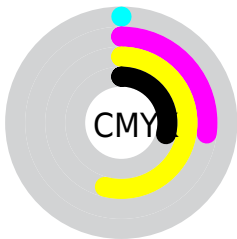
Distribution



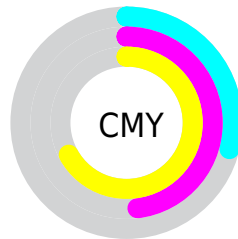
- Red (71%)
- Green (52%)
- Blue (33%)



- Red (71%)
- Yellow (71%)
- Blue (33%)



- Cyan (0%)
- Magenta (27%)
- Yellow (54%)
- Black (29%)





- Cyan (29%)
- Magenta (48%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9508, 0.4265, 0.3982 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 26.9508, 0.4265, 0.3982 by changing the saturation by 10% instead.


 26.9508, 0.4265,
0.3982


 26.9508, 0.4265,
0.3982


287.4188, 0.3651,
0.3636


 17.5363, 0.4428,
0.4060


 54.8049, 0.4033,
0.3860


 10.6176, 0.4638,
0.4151

 74.0133, 0.3949,
0.3813

 5.8103, 0.4915,
0.4248

 97.2551, 0.3878,
0.3772

 2.7301, 0.5498,
0.4502

 124.9146, 0.3818,
0.3737

 0.9925, 0.5732,
0.4268

 157.3764, 0.3767,
0.3707

 0.0000, 1.0000,
0.0000

195.0248, 0.3723,

 0.0000, 0.0000,

0.3680

0.0000

238.2441, 0.3685,
0.3657

■ 26.9508, 0.4265,
0.3982

■ 26.9508, 0.4265,
0.3982

■ 24.3598, 0.4536,
0.4080

■ 29.8302, 0.4006,
0.3862

■ 22.0420, 0.4807,
0.4144

■ 33.0044, 0.3767,
0.3731

■ 19.9865, 0.5063,
0.4162

■ 36.4845, 0.3551,
0.3597

■ 18.1794, 0.5285,
0.4128

■ 40.2795, 0.3359,
0.3466

■ 17.2230, 0.5404,
0.4091

■ 44.3983, 0.3191,
0.3340

■ 48.8491, 0.3043,
0.3222

■ 53.6400, 0.2915,
0.3112

■ 58.7786, 0.2803,
0.3011

■ 64.2724, 0.2705,
0.2919

Harmonies

Analogous

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



26.9508, 0.4312, 0.3529



26.9508, 0.4265, 0.3982



26.9508, 0.3900, 0.4319

Triad

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



26.9508, 0.4265, 0.3982



26.9508, 0.2305, 0.3446



26.9508, 0.2817, 0.2420

Complementary

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



26.9508, 0.4265, 0.3982



21.6711, 0.2273, 0.2444

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.



26.9508, 0.2344, 0.2345



26.9508, 0.4265, 0.3982



26.9508, 0.2072, 0.2867

Square

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



26.9508, 0.4265, 0.3982



26.9508, 0.2763, 0.4044



26.9508, 0.2088, 0.2487



26.9508, 0.3426, 0.2677

Rectangle

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



26.9508, 0.4265, 0.3982



26.9508, 0.3542, 0.4399



26.9508, 0.2088, 0.2487



26.9508, 0.2639, 0.2373

Sweetspot

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



26.9521, 0.4265, 0.3982



70.6573, 0.3398, 0.3493



17.6748, 0.3878, 0.2605



14.9703, 0.3436, 0.3520



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



26.9521, 0.4265, 0.3982



42.7890, 0.4589, 0.4096



43.4883, 0.3899, 0.4566



9.1841, 0.3275, 0.3404



12.0140, 0.5385, 0.4106



0.4947, 0.4969, 0.4436

Inverse Universe

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



21.6711, 0.2273, 0.2444



32.3398, 0.2104, 0.2216



11.3618, 0.2099, 0.1590



8.9085, 0.2985, 0.3173



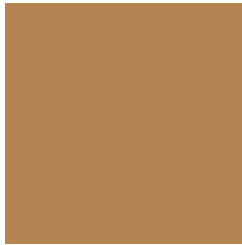
7.5343, 0.1778, 0.1601



0.3538, 0.1920, 0.2112

Previews

White Background



This preview shows how the Yxy color 26.9508, 0.4265, 0.3982 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 26.9508, 0.4265, 0.3982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

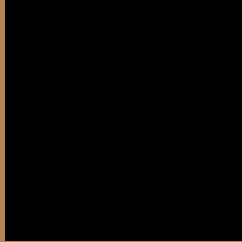
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.9508, 0.4265, 0.3982

Background



This preview shows how black text looks on a background with the Yxy color 26.9508, 0.4265, 0.3982.



This preview shows how white text looks on a background with the Yxy color 26.9508, 0.4265, 0.3982.

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

26.9508, 0.4265, 0.3982

Protanopia

27.0027, 0.3843, 0.4165

Deuteranopia

27.1018, 0.4149, 0.4080



Tritanopia

26.9853, 0.3734, 0.3164

Trichromacy



Original Color

26.9508, 0.4265, 0.3982

Protanomaly

26.7414, 0.3987, 0.4088

Deuteranomaly

27.1672, 0.4192, 0.4055

Tritanomaly

26.8896, 0.3947, 0.3464

Monochromacy



Original Color

26.9508, 0.4265, 0.3982

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.6009, 0.3524, 0.3580

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9508, 0.4265, 0.3982 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(181, 132, 83)` looks like.

```
.text, #text, p{  
    color:rgb(181, 132, 83)  
}
```

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(181, 132, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 132, 83) }
```

Border

The CSS property to change the border of an element to Yxy 26.9508, 0.4265, 0.3982 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(181, 132, 83) }
```

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

```
.border{ border-color:rgb(181, 132, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 132, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 132, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 132, 83);  
box-shadow:4px 4px 4px 4px rgb(181, 132,  
83) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9508, 0.4265, 0.3982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 132, 83) }
```

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

```
.background{ background-color: rgb(181,  
132, 83) }
```

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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