

Converting Colors

$Y_{xy}(29.1790, 0.4475, 0.4189)$

Have a look what the booklet for
Yxy(29.1790, 0.4475, 0.4189)
contains.

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Color

Yxy(29.2437, 0.4472, 0.4193)

Conversions

Conversions Part 1

Format	Color
Hex	BE8943
RGB	190, 137, 67
RGB Percent	75%, 54%, 26%
CMY	0.2550, 0.4627, 0.7372
CMYK	0.00, 0.28, 0.65, 0.25
HSL	34°, 49%, 50%
HSV	34°, 65%, 75%
XYZ	31.1896, 29.2437, 9.3108
YIQ	144.8670, 54.0580, -10.5340

Conversions

Conversions Part 2

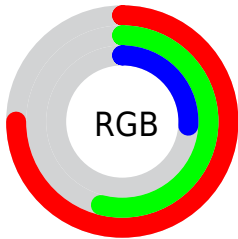
Format	Color
R_{YB}	160, 190, 67
Decimal	12486979
CIE _{Lab}	61.00, 12.99, 44.64
CIE _{LCh}	61, 46.492, 73.770
Yxy	29.2437, 0.4472, 0.4193
Android (android.graphics.Color)	4290677059 (0xFFBE8943)
YUV	144.8670, -38.3884, 39.5816
Hunter-Lab	54.0774, 8.3156, 27.6459

Details

The Yxy color **29.2437, 0.4472, 0.4193** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **18.3336, 0.2083, 0.2085**, and the grayscale version is **28.4014, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.2747, 0.4213, 0.4041**, and **11.8403, 0.4862, 0.4370** is the 20% darker color. If you saturate the color by 10%, you get **26.8144, 0.4711, 0.4269**, and if you desaturate by 10%, it is **31.9271, 0.4227, 0.4082**.

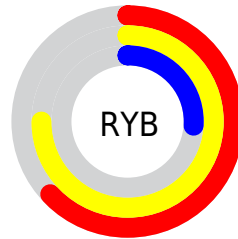
Distribution



Red (75%)

Green (54%)

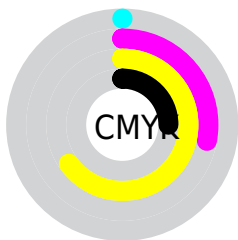
Blue (26%)



Red (63%)

Yellow (75%)

Blue (26%)

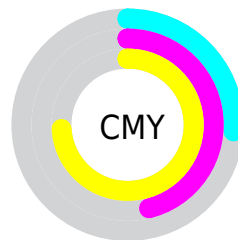


Cyan (0%)

Magenta (28%)

Yellow (65%)

Black (25%)



Cyan (26%)


Magenta (46%)

Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.2437, 0.4472, 0.4193 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 29.2437, 0.4472, 0.4193 by changing the saturation by 10% instead.


 29.2437, 0.4472,
0.4193


 29.2437, 0.4472,
0.4193


298.3631, 0.3771,
0.3760

 19.2653, 0.4643,
0.4281


 58.4641, 0.4217,
0.4047

 11.8621, 0.4852,
0.4374


 78.4748, 0.4120,
0.3988


 6.6498, 0.5118,
0.4468


 102.5983, 0.4039,
0.3937

 3.2441, 0.5459,
0.4541

 131.2192, 0.3969,
0.3892

 1.2605, 0.5663,
0.4337

 164.7217, 0.3909,
0.3853

 0.1103, 0.7928,
0.2072

203.4902, 0.3857,

 0.0000, 0.0000,

0.3818

0.0000

247.9092, 0.3811,
0.3787

■ 29.2437, 0.4472,
0.4193

■ 29.2437, 0.4472,
0.4193

■ 26.8144, 0.4711,
0.4269

■ 31.9271, 0.4227,
0.4082

■ 24.6233, 0.4930,
0.4298

■ 34.8706, 0.3988,
0.3947

■ 22.6586, 0.5117,
0.4274

■ 38.0851, 0.3763,
0.3800

■ 21.7032, 0.5207,
0.4247

■ 41.5797, 0.3555,
0.3648

■ 45.3625, 0.3367,
0.3499

■ 49.4416, 0.3200,
0.3355

■ 53.8245, 0.3051,
0.3220

■ 58.5184, 0.2921,
0.3094

■ 63.5302, 0.2806,
0.2977

Harmonies

Analogous

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



29.2437, 0.4627, 0.3646



29.2437, 0.4472, 0.4193



29.2437, 0.3954, 0.4605

Triad

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



29.2437, 0.4472, 0.4193



29.2437, 0.2045, 0.3336



29.2437, 0.2854, 0.2275

Complementary

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



29.2437, 0.4472, 0.4193



18.3336, 0.2083, 0.2085

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.



29.2437, 0.2246, 0.2142



29.2437, 0.4472, 0.4193



29.2437, 0.1827, 0.2647

Square

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



29.2437, 0.4472, 0.4193



29.2437, 0.2551, 0.4140



29.2437, 0.1899, 0.2252



29.2437, 0.3625, 0.2612

Rectangle

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



29.2437, 0.4472, 0.4193



29.2437, 0.3494, 0.4688



29.2437, 0.1899, 0.2252



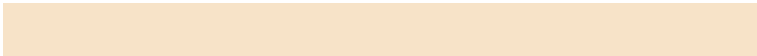
29.2437, 0.2625, 0.2206

Sweetspot

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



29.2451, 0.4472, 0.4193



79.0232, 0.3450, 0.3567



16.3216, 0.4258, 0.2608



16.9200, 0.3505, 0.3610



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.



29.2451, 0.4472, 0.4193



46.7529, 0.4813, 0.4288



47.1397, 0.3938, 0.4802



10.4136, 0.3275, 0.3421



14.5938, 0.5190, 0.4261



0.6992, 0.4891, 0.4499

Inverse Universe

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



18.3336, 0.2083, 0.2085



25.5682, 0.1893, 0.1766



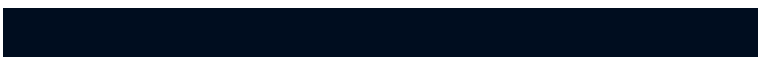
9.2351, 0.1942, 0.1262



9.8829, 0.2984, 0.3156



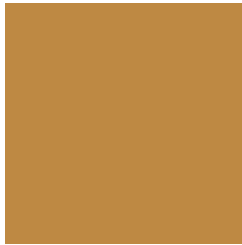
6.6168, 0.1716, 0.1376



0.3893, 0.1848, 0.1853

Previews

White Background



This preview shows how the Yxy color 29.2437, 0.4472, 0.4193 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 29.2437, 0.4472, 0.4193 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 29.2437, 0.4472, 0.4193

Background



This preview shows how black text looks on a background with the Yxy color 29.2437, 0.4472, 0.4193.



This preview shows how white text looks on a background with the Yxy color 29.2437, 0.4472, 0.4193.

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

29.2437, 0.4472, 0.4193

Protanopia

29.4085, 0.4044, 0.4438

Deuteranopia

29.2168, 0.4375, 0.4276



Tritanopia

29.1667, 0.3790, 0.3157

Trichromacy



Original Color

29.2437, 0.4472, 0.4193

Protanomaly

29.2604, 0.4200, 0.4346

Deuteranomaly

29.2977, 0.4417, 0.4248

Tritanomaly

29.0322, 0.4065, 0.3552

Monochromacy



Original Color

29.2437, 0.4472, 0.4193

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

28.2074, 0.3600, 0.3682

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.2437, 0.4472, 0.4193 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(190, 137, 67)` looks like.

```
.text, #text, p{  
    color:rgb(190, 137, 67)  
}
```

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(190, 137, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 137, 67) }
```

Border

The CSS property to change the border of an element to Yxy 29.2437, 0.4472, 0.4193 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(190, 137, 67) }
```

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

```
.border{ border-color:rgb(190, 137, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 137, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 137, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 137, 67);  
box-shadow:4px 4px 4px 4px rgb(190, 137,  
67) }
```


Background

The CSS property to change the background color of an element to Yxy 29.2437, 0.4472, 0.4193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 137, 67) }
```

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

```
.background{ background-color: rgb(190,  
137, 67) }
```

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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