

Converting Colors

$Y_{xy}(36.2688, 0.4063, 0.4267)$

Have a look what the booklet for
Yxy(36.2688, 0.4063, 0.4267)
contains.

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Color

Yxy(36.2688, 0.4063, 0.4267)

Conversions

Conversions Part 1

Format	Color
Hex	BAA057
RGB	186, 160, 87
RGB Percent	73%, 63%, 34%
CMY	0.2707, 0.3725, 0.6589
CMYK	0.00, 0.14, 0.53, 0.27
HSL	44°, 42%, 54%
HSV	44°, 53%, 73%
XYZ	34.5348, 36.2688, 14.1947
YIQ	159.4520, 38.9290, -17.1910

Conversions

Conversions Part 2

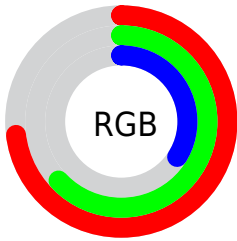
Format	Color
RYB	122, 186, 87
Decimal	12230743
CIELab	66.72, 0.22, 41.22
CIELCh	67, 41.218, 89.701
Yxy	36.2688, 0.4063, 0.4267
Android (android.graphics.Color)	4290420823 (0xFFBAA057)
YUV	159.4520, -35.7188, 23.2826
Hunter-Lab	60.2236, -3.0316, 28.1818

Details

The Yxy color **36.2688, 0.4063, 0.4267** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **17.3671, 0.2202, 0.2047**, and the grayscale version is **35.0415, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.6981, 0.3890, 0.4091**, and **15.8230, 0.4300, 0.4528** is the 20% darker color. If you saturate the color by 10%, you get **34.3468, 0.4247, 0.4414**, and if you desaturate by 10%, it is **38.3388, 0.3873, 0.4096**.

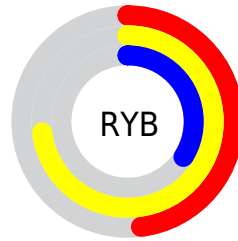
Distribution



Red (73%)

Green (63%)

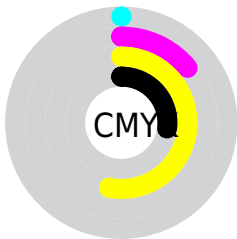
Blue (34%)



Red (48%)

Yellow (73%)

Blue (34%)

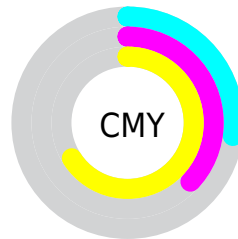


Cyan (0%)

Magenta (14%)

Yellow (53%)

Black (27%)



Cyan (27%)


Magenta (37%)


Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.2688, 0.4063, 0.4267 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 36.2688, 0.4063, 0.4267 by changing the saturation by 10% instead.


 36.2688, 0.4063,
0.4267


 36.2688, 0.4063,
0.4267


330.1339, 0.3593,
0.3777

 24.6419, 0.4174,
0.4383


 69.4468, 0.3895,
0.4092


 15.8104, 0.4309,
0.4523


 91.7666, 0.3831,
0.4025


 9.3901, 0.4473,
0.4693


 118.4194, 0.3776,
0.3968

 4.9965, 0.4718,
0.4946

 149.7898, 0.3729,
0.3919

 2.2452, 0.4884,
0.5116

 186.2620, 0.3688,
0.3876

 0.7445, 0.4892,
0.5108

228.2205, 0.3653,

 0.0000, 0.0000,

0.3839

0.0000

276.0497, 0.3621,
0.3806

■ 36.2688, 0.4063,
0.4267

■ 36.2688, 0.4063,
0.4267

■ 34.3468, 0.4247,
0.4414

■ 38.3388, 0.3873,
0.4096

■ 32.5609, 0.4416,
0.4527

■ 40.5579, 0.3685,
0.3910

■ 30.9048, 0.4562,
0.4596

■ 42.9336, 0.3504,
0.3719

■ 29.3694, 0.4680,
0.4618

■ 45.4712, 0.3333,
0.3530

■ 28.3856, 0.4748,
0.4612

■ 48.1757, 0.3175,
0.3347

■ 51.0517, 0.3031,
0.3174

■ 54.1038, 0.2900,
0.3011

■ 57.3363, 0.2783,
0.2861

■ 60.7532, 0.2678,
0.2722

Harmonies

Analogous

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



36.2688, 0.4355, 0.3866



36.2688, 0.4063, 0.4267



36.2688, 0.3533, 0.4437

Triad

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



36.2688, 0.4063, 0.4267



36.2688, 0.2085, 0.3013



36.2688, 0.3240, 0.2563

Complementary

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



36.2688, 0.4063, 0.4267



17.3671, 0.2202, 0.2047

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.



36.2688, 0.2640, 0.2350



36.2688, 0.4063, 0.4267



36.2688, 0.2026, 0.2552

Square

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



36.2688, 0.4063, 0.4267



36.2688, 0.2398, 0.3648



36.2688, 0.2216, 0.2336



36.2688, 0.3866, 0.2930

Rectangle

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



36.2688, 0.4063, 0.4267



36.2688, 0.3125, 0.4337



36.2688, 0.2216, 0.2336



36.2688, 0.3027, 0.2472

Sweetspot

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



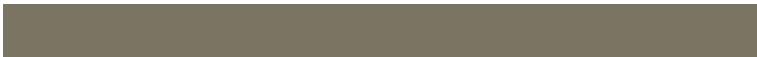
36.2705, 0.4063, 0.4267



81.0190, 0.3384, 0.3587



18.4510, 0.4231, 0.2929



17.6310, 0.3419, 0.3626



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



36.2705, 0.4063, 0.4267



61.6659, 0.4279, 0.4438



43.5658, 0.3673, 0.4658



10.0940, 0.3270, 0.3458



19.2310, 0.4739, 0.4619



0.7728, 0.4570, 0.4754

Inverse Universe

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



17.3671, 0.2202, 0.2047



23.8645, 0.1995, 0.1718



13.6792, 0.2325, 0.1700



9.0922, 0.2985, 0.3116



3.9561, 0.1593, 0.0934



0.2437, 0.1740, 0.1462

Previews

White Background



This preview shows how the Yxy color 36.2688, 0.4063, 0.4267 looks on a white background.

Color Contrast Check

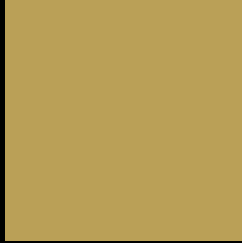
Large Text (above 18pt) WCAG AA × Fail

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 36.2688, 0.4063, 0.4267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

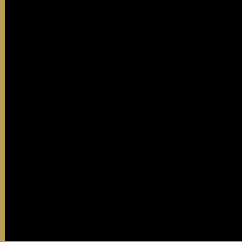
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.2688, 0.4063, 0.4267

Background



This preview shows how black text looks on a background with the Yxy color 36.2688, 0.4063, 0.4267.

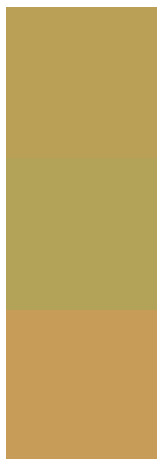


This preview shows how white text looks on a background with the Yxy color 36.2688, 0.4063, 0.4267.

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

36.2688, 0.4063, 0.4267

Protanopia

36.4827, 0.3961, 0.4320

Deuteranopia

36.2894, 0.4227, 0.4142



Tritanopia

36.1150, 0.3440, 0.3132

Trichromacy



Original Color

36.2688, 0.4063, 0.4267

Protanomaly

36.4903, 0.3999, 0.4296

Deuteranomaly

36.2879, 0.4160, 0.4186

Tritanomaly

35.8076, 0.3685, 0.3551

Monochromacy



Original Color

36.2688, 0.4063, 0.4267

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.9247, 0.3469, 0.3672

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.2688, 0.4063, 0.4267 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(186, 160, 87)` looks like.

```
.text, #text, p{  
    color:rgb(186, 160, 87)  
}
```

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(186, 160, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 160, 87) }
```

Border

The CSS property to change the border of an element to Yxy 36.2688, 0.4063, 0.4267 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(186, 160, 87) }
```

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

```
.border{ border-color:rgb(186, 160, 87) }
```

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

Here you see how a box with a 4 pixel rgb(186, 160, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 160, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 160, 87);  
box-shadow:4px 4px 4px 4px rgb(186, 160,  
87) }
```


Background

The CSS property to change the background color of an element to Yxy 36.2688, 0.4063, 0.4267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 160, 87) }
```

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

```
.background{ background-color: rgb(186,  
160, 87) }
```

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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