

Converting Colors

$Yxy(36.1518, 0.4227, 0.4545)$

Have a look what the booklet for
Yxy(36.1518, 0.4227, 0.4545)
contains.

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Color

Yxy(36.1518, 0.4227, 0.4545)

Conversions

Conversions Part 1

Format	Color
Hex	B9A13E
RGB	185, 161, 62
RGB Percent	73%, 63%, 24%
CMY	0.2745, 0.3686, 0.7567
CMYK	0.00, 0.13, 0.66, 0.27
HSL	48°, 50%, 48%
HSV	48°, 66%, 73%
XYZ	33.6224, 36.1518, 9.7677
YIQ	156.8900, 46.0830, -25.7010

Conversions

Conversions Part 2

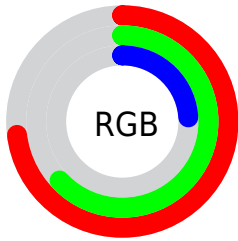
Format	Color
R _Y B	92, 185, 62
Decimal	12165438
CIE Lab	66.64, -2.57, 52.94
CIE LCh	67, 53.007, 92.781
Yxy	36.1518, 0.4227, 0.4545
Android (android.graphics.Color)	4290355518 (0xFFB9A13E)
YUV	156.8900, -46.7808, 24.6525
Hunter-Lab	60.1264, -5.4048, 32.4566

Details

The Yxy color **36.1518, 0.4227, 0.4545** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **11.1879, 0.1939, 0.1541**, and the grayscale version is **33.8660, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.5597, 0.4047, 0.4337**, and **15.8190, 0.4470, 0.4833** is the 20% darker color. If you saturate the color by 10%, you get **34.7401, 0.4364, 0.4654**, and if you desaturate by 10%, it is **37.6725, 0.4070, 0.4398**.

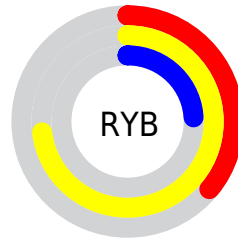
Distribution



Red (73%)

Green (63%)

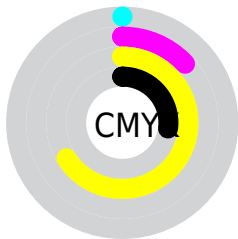
Blue (24%)



Red (36%)

Yellow (73%)

Blue (24%)

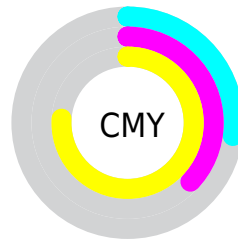


Cyan (0%)

Magenta (13%)

Yellow (66%)

Black (27%)



Cyan (27%)


Magenta (37%)


Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.1518, 0.4227, 0.4545 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 36.1518, 0.4227, 0.4545 by changing the saturation by 10% instead.


 36.1518, 0.4227,
0.4545


 36.1518, 0.4227,
0.4545


329.6235, 0.3695,
0.3928


 24.5515, 0.4340,
0.4680

 69.2663, 0.4045,
0.4331

 15.7432, 0.4466,
0.4836


 91.5492, 0.3973,
0.4247

 9.3426, 0.4604,
0.5013


 118.1619, 0.3910,
0.4175

 4.9653, 0.4767,
0.5233

 149.4885, 0.3856,
0.4112

 2.2269, 0.4735,
0.5265

 185.9136, 0.3808,
0.4057

 0.7346, 0.4638,
0.5362

227.8216, 0.3766,

 0.0000, 0.0000,

0.4009

0.0000

275.5967, 0.3729,
0.3966

■ 36.1518, 0.4227,
0.4545

■ 36.1518, 0.4227,
0.4545

■ 34.7401, 0.4364,
0.4654

■ 37.6725, 0.4070,
0.4398

■ 33.4246, 0.4476,
0.4719

■ 39.3036, 0.3900,
0.4222

■ 32.1970, 0.4559,
0.4739

■ 41.0528, 0.3725,
0.4027

■ 31.7773, 0.4586,
0.4741

■ 42.9255, 0.3551,
0.3823

■ 44.9266, 0.3383,
0.3617

■ 47.0607, 0.3224,
0.3416

■ 49.3321, 0.3076,
0.3223

■ 51.7450, 0.2941,
0.3042

■ 54.3032, 0.2818,
0.2873

Harmonies

Analogous

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



36.1518, 0.4662, 0.4025



36.1518, 0.4227, 0.4545



36.1518, 0.3531, 0.4780

Triad

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



36.1518, 0.4227, 0.4545



36.1518, 0.1806, 0.2837



36.1518, 0.3346, 0.2424

Complementary

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



36.1518, 0.4227, 0.4545



11.1879, 0.1939, 0.1541

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.



36.1518, 0.2572, 0.2145



36.1518, 0.4227, 0.4545



36.1518, 0.1774, 0.2306

Square

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



36.1518, 0.4227, 0.4545



36.1518, 0.2144, 0.3656



36.1518, 0.2031, 0.2092



36.1518, 0.4149, 0.2881

Rectangle

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



36.1518, 0.4227, 0.4545



36.1518, 0.3017, 0.4634



36.1518, 0.2031, 0.2092



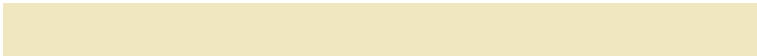
36.1518, 0.3070, 0.2309

Sweetspot

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



36.1535, 0.4227, 0.4545



79.0541, 0.3447, 0.3696



14.4450, 0.4845, 0.2986



16.8274, 0.3494, 0.3754



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.



36.1535, 0.4227, 0.4545



61.0595, 0.4422, 0.4691



41.3514, 0.3680, 0.4998



10.1975, 0.3268, 0.3473



21.7405, 0.4580, 0.4745



0.8437, 0.4463, 0.4838

Inverse Universe

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



11.1879, 0.1939, 0.1541



13.4538, 0.1719, 0.1146



9.5999, 0.2165, 0.1331



8.9957, 0.2984, 0.3100



3.3315, 0.1557, 0.0806



0.2029, 0.1686, 0.1269

Previews

White Background



This preview shows how the Yxy color 36.1518, 0.4227, 0.4545 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 36.1518, 0.4227, 0.4545 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 36.1518, 0.4227, 0.4545

Background



This preview shows how black text looks on a background with the Yxy color 36.1518, 0.4227, 0.4545.

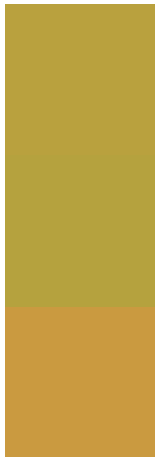


This preview shows how white text looks on a background with the Yxy color 36.1518, 0.4227, 0.4545.

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

36.1518, 0.4227, 0.4545

Protanopia

36.0122, 0.4177, 0.4580

Deuteranopia

36.0379, 0.4452, 0.4356



Tritanopia

36.1150, 0.3440, 0.3132

Trichromacy



Original Color

36.1518, 0.4227, 0.4545

Protanomaly

36.1335, 0.4187, 0.4574

Deuteranomaly

36.2086, 0.4370, 0.4430

Tritanomaly

35.8962, 0.3772, 0.3687

Monochromacy



Original Color

36.1518, 0.4227, 0.4545

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

34.0744, 0.3556, 0.3826

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.1518, 0.4227, 0.4545 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(185, 161, 62)` looks like.

```
.text, #text, p{  
    color:rgb(185, 161, 62)  
}
```

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(185, 161, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 161, 62) }
```

Border

The CSS property to change the border of an element to Yxy 36.1518, 0.4227, 0.4545 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(185, 161, 62) }
```

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

```
.border{ border-color:rgb(185, 161, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 161, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 161, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 161, 62);  
box-shadow:4px 4px 4px 4px rgb(185, 161,  
62) }
```


Background

The CSS property to change the background color of an element to Yxy 36.1518, 0.4227, 0.4545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 161, 62) }
```

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

```
.background{ background-color: rgb(185,  
161, 62) }
```

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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