

Converting Colors

Yxy(36.0640, 0.4132, 0.4510)

Have a look what the booklet for
Yxy(36.0640, 0.4132, 0.4510)
contains.

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Color

$\text{Yxy}(36.0941, 0.4131, 0.4512)$

Conversions

Conversions Part 1

Format	Color
Hex	B5A245
RGB	181, 162, 69
RGB Percent	71%, 64%, 27%
CMY	0.2903, 0.3647, 0.7294
CMYK	0.00, 0.10, 0.62, 0.29
HSL	50°, 45%, 49%
HSV	50°, 62%, 71%
XYZ	33.0463, 36.0941, 10.8554
YIQ	157.0790, 41.1770, -24.8950

Conversions

Conversions Part 2

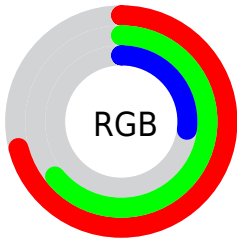
Format	Color
R_{YB}	92, 181, 69
Decimal	11903557
CIE _{Lab}	66.59, -4.41, 49.66
CIE _{LCh}	67, 49.857, 95.078
Yxy	36.0941, 0.4131, 0.4512
Android (android.graphics.Color)	4290093637 (0xFFB5A245)
YUV	157.0790, -43.4229, 20.9787
Hunter-Lab	60.0784, -6.9528, 31.3419

Details

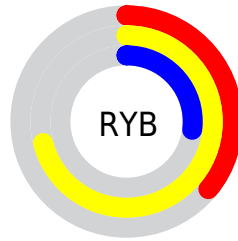
The Yxy color **36.0941, 0.4131, 0.4512** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **11.5741, 0.2010, 0.1629**, and the grayscale version is **33.9395, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.3569, 0.3958, 0.4299**, and **15.7606, 0.4350, 0.4821** is the 20% darker color. If you saturate the color by 10%, you get **34.8376, 0.4270, 0.4643**, and if you desaturate by 10%, it is **37.4489, 0.3975, 0.4347**.

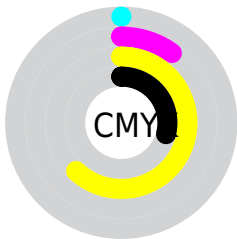
Distribution



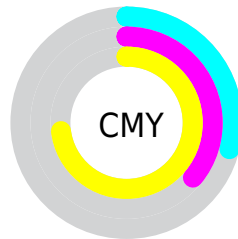
- Red (71%)
- Green (64%)
- Blue (27%)



- Red (36%)
- Yellow (71%)
- Blue (27%)



- Cyan (0%)
- Magenta (10%)
- Yellow (62%)
- Black (29%)





- Cyan (29%)
- Magenta (36%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.0941, 0.4131, 0.4512 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 36.0941, 0.4131, 0.4512 by changing the saturation by 10% instead.


 36.0941, 0.4131,
0.4512


 36.0941, 0.4131,
0.4512


329.3716, 0.3642,
0.3901


 24.5069, 0.4237,
0.4652


 69.1773, 0.3963,
0.4297


 15.7100, 0.4358,
0.4817


 91.4420, 0.3896,
0.4213

 9.3192, 0.4487,
0.5008


 118.0348, 0.3839,
0.4142

 4.9500, 0.4691,
0.5309

 149.3398, 0.3789,
0.4080

 2.2179, 0.4634,
0.5366

 185.7417, 0.3745,
0.4027

 0.7297, 0.4453,
0.5547

227.6247, 0.3707,

 0.0000, 0.0000,

0.3980

0.0000

275.3732, 0.3673,
0.3938

■ 36.0941, 0.4131,
0.4512

■ 36.0941, 0.4131,
0.4512

■ 34.8376, 0.4270,
0.4643

■ 37.4489, 0.3975,
0.4347

■ 33.6675, 0.4385,
0.4733

■ 38.9027, 0.3808,
0.4157

■ 32.5778, 0.4472,
0.4777

■ 40.4624, 0.3638,
0.3952

■ 31.7384, 0.4527,
0.4788

■ 42.1328, 0.3469,
0.3741

■ 43.9184, 0.3307,
0.3531

■ 45.8233, 0.3155,
0.3327

■ 47.8514, 0.3013,
0.3134

■ 50.0064, 0.2883,
0.2952

■ 52.2919, 0.2764,
0.2784

Harmonies

Analogous

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



36.0941, 0.4561, 0.4040



36.0941, 0.4131, 0.4512



36.0941, 0.3462, 0.4685

Triad

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



36.0941, 0.4131, 0.4512



36.0941, 0.1860, 0.2819



36.0941, 0.3396, 0.2496

Complementary

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



36.0941, 0.4131, 0.4512



11.5741, 0.2010, 0.1629

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.



36.0941, 0.2654, 0.2214



36.0941, 0.4131, 0.4512



36.0941, 0.1849, 0.2335

Square

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



36.0941, 0.4131, 0.4512



36.0941, 0.2164, 0.3573



36.0941, 0.2117, 0.2147



36.0941, 0.4140, 0.2944

Rectangle

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



36.0941, 0.4131, 0.4512



36.0941, 0.2975, 0.4513



36.0941, 0.2117, 0.2147



36.0941, 0.3135, 0.2381

Sweetspot

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



36.0958, 0.4131, 0.4512



76.2795, 0.3427, 0.3687



14.8076, 0.4692, 0.3020



16.2968, 0.3474, 0.3746



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.



36.0958, 0.4131, 0.4512



61.6903, 0.4311, 0.4678



39.5340, 0.3642, 0.4904



9.6569, 0.3267, 0.3478



21.9745, 0.4522, 0.4792



0.7561, 0.4416, 0.4876

Inverse Universe

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



11.5741, 0.2010, 0.1629



14.3460, 0.1789, 0.1249



10.5625, 0.2264, 0.1474



8.4551, 0.2985, 0.3095



3.0347, 0.1547, 0.0767



0.1661, 0.1672, 0.1219

Previews

White Background



This preview shows how the Yxy color 36.0941, 0.4131, 0.4512 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 36.0941, 0.4131, 0.4512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

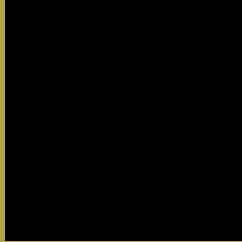
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.0941, 0.4131, 0.4512

Background



This preview shows how black text looks on a background with the Yxy color 36.0941, 0.4131, 0.4512.



This preview shows how white text looks on a background with the Yxy color 36.0941, 0.4131, 0.4512.

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

36.0941, 0.4131, 0.4512

Protanopia

35.9736, 0.4121, 0.4517

Deuteranopia

35.9836, 0.4393, 0.4297



Tritanopia

35.9556, 0.3387, 0.3130

Trichromacy



Original Color

36.0941, 0.4131, 0.4512

Protanomaly

35.9736, 0.4121, 0.4517

Deuteranomaly

36.0255, 0.4302, 0.4376

Tritanomaly

35.8010, 0.3696, 0.3665

Monochromacy



Original Color

36.0941, 0.4131, 0.4512

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

34.3839, 0.3514, 0.3796

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.0941, 0.4131, 0.4512 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, 162, 69)` looks like.

```
.text, #text, p{  
    color:rgb(181, 162, 69)  
}
```

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, 162, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 162, 69) }
```

Border

The CSS property to change the border of an element to Yxy 36.0941, 0.4131, 0.4512 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, 162, 69) }
```

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

```
.border{ border-color:rgb(181, 162, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 162, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 162, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 162, 69);  
box-shadow:4px 4px 4px 4px rgb(181, 162,  
69) }
```


Background

The CSS property to change the background color of an element to Yxy 36.0941, 0.4131, 0.4512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 162, 69) }
```

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

```
.background{ background-color: rgb(181,  
162, 69) }
```

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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