

Converting Colors

$Yxy(30.6333, 0.4491, 0.4602)$

Have a look what the booklet for
Yxy(30.6333, 0.4491, 0.4602)
contains.

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Color

Yxy(30.6302, 0.4493, 0.4604)

Conversions

Conversions Part 1

Format	Color
Hex	B69224
RGB	182, 146, 36
RGB Percent	71%, 57%, 14%
CMY	0.2862, 0.4275, 0.8587
CMYK	0.00, 0.20, 0.80, 0.29
HSL	45°, 67%, 43%
HSV	45°, 80%, 71%
XYZ	29.8917, 30.6302, 6.0076
YIQ	144.2240, 56.7660, -26.5780

Conversions

Conversions Part 2

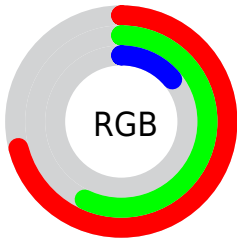
Format	Color
RYB	84, 182, 36
Decimal	11964964
CIELab	62.19, 2.98, 58.68
CIELCh	62, 58.754, 87.094
Yxy	30.6302, 0.4493, 0.4604
Android (android.graphics.Color)	4290155044 (0xFFB69224)
YUV	144.2240, -53.3544, 33.1296
Hunter-Lab	55.3446, -0.4447, 32.3053

Details

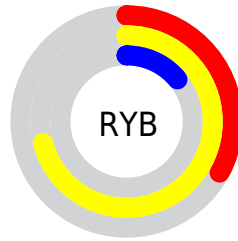
The Yxy color **30.6302, 0.4493, 0.4604** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **8.3939, 0.1764, 0.1288**, and the grayscale version is **28.1896, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.7647, 0.4259, 0.4400**, and **12.7257, 0.4655, 0.4686** is the 20% darker color. If you saturate the color by 10%, you get **29.1899, 0.4614, 0.4643**, and if you desaturate by 10%, it is **32.1844, 0.4345, 0.4518**.

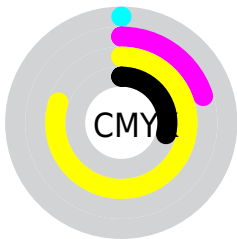
Distribution



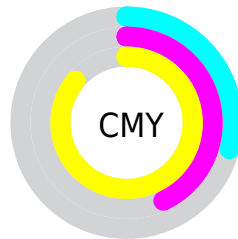
- Red (71%)
- Green (57%)
- Blue (14%)



- Red (33%)
- Yellow (71%)
- Blue (14%)



- Cyan (0%)
- Magenta (20%)
- Yellow (80%)
- Black (29%)





- Cyan (29%)
- Magenta (43%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.6302, 0.4493, 0.4604 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 30.6302, 0.4493, 0.4604 by changing the saturation by 10% instead.


 30.6302, 0.4493,
0.4604

 30.6302, 0.4493,
0.4604


304.8310, 0.3826,
0.3976

 20.3174, 0.4629,
0.4725


 60.6574, 0.4268,
0.4397


 12.6260, 0.4774,
0.4848


 81.1406, 0.4177,
0.4311


 7.1715, 0.4980,
0.5020


 105.7827, 0.4098,
0.4237

 3.5696, 0.5007,
0.4993

 134.9681, 0.4029,
0.4171

 1.4358, 0.5055,
0.4945

 169.0813, 0.3969,
0.4113

 0.2429, 0.5555,
0.4445

 208.5066, 0.3915,

 0.0000, 0.0000,

0.4062

0.0000

253.6283, 0.3868,
0.4017

■ 30.6302, 0.4493,
0.4604

■ 30.6302, 0.4493,
0.4604

■ 29.1899, 0.4614,
0.4643

■ 32.1844, 0.4345,
0.4518

■ 27.8696, 0.4708,
0.4644

■ 33.8562, 0.4176,
0.4391

■ 35.6540, 0.3995,
0.4233

■ 37.5841, 0.3809,
0.4054

■ 39.6521, 0.3625,
0.3863

■ 41.8631, 0.3449,
0.3669

■ 44.2221, 0.3283,
0.3478

■ 46.7334, 0.3130,
0.3294

■ 49.4015, 0.2990,
0.3120

Harmonies

Analogous

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



30.6302, 0.4939, 0.3961



30.6302, 0.4493, 0.4604



30.6302, 0.3724, 0.5022

Triad

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



30.6302, 0.4493, 0.4604



30.6302, 0.1662, 0.2901



30.6302, 0.3188, 0.2226

Complementary

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



30.6302, 0.4493, 0.4604



8.3939, 0.1764, 0.1288

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.



30.6302, 0.2341, 0.1958



30.6302, 0.4493, 0.4604



30.6302, 0.1574, 0.2232

Square

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



30.6302, 0.4493, 0.4604



30.6302, 0.2097, 0.3916



30.6302, 0.1799, 0.1944



30.6302, 0.4157, 0.2702

Rectangle

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



30.6302, 0.4493, 0.4604



30.6302, 0.3139, 0.4976



30.6302, 0.1799, 0.1944



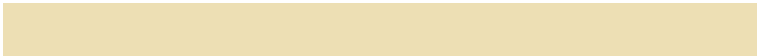
30.6302, 0.2877, 0.2111

Sweetspot

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



30.6317, 0.4493, 0.4604



74.1684, 0.3522, 0.3750



11.6850, 0.5257, 0.2909



16.0688, 0.3585, 0.3819



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.



30.6317, 0.4493, 0.4604



51.0920, 0.4684, 0.4642



39.6565, 0.3778, 0.5199



10.1179, 0.3270, 0.3461



19.7864, 0.4701, 0.4649



0.7887, 0.4544, 0.4774

Inverse Universe

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



8.3939, 0.1764, 0.1288



10.0404, 0.1597, 0.0924



6.0393, 0.1882, 0.0964



9.0698, 0.2985, 0.3113



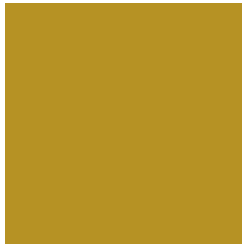
3.7955, 0.1584, 0.0902



0.2343, 0.1728, 0.1419

Previews

White Background



This preview shows how the Yxy color 30.6302, 0.4493, 0.4604 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 30.6302, 0.4493, 0.4604 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 30.6302, 0.4493, 0.4604

Background



This preview shows how black text looks on a background with the Yxy color 30.6302, 0.4493, 0.4604.



This preview shows how white text looks on a background with the Yxy color 30.6302, 0.4493, 0.4604.

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

30.6302, 0.4493, 0.4604

Protanopia

30.7018, 0.4292, 0.4747

Deuteranopia

30.6037, 0.4592, 0.4510



Tritanopia

30.5337, 0.3605, 0.3140

Trichromacy



Original Color

30.6302, 0.4493, 0.4604

Protanomaly

30.6271, 0.4369, 0.4689

Deuteranomaly

30.5192, 0.4553, 0.4548

Tritanomaly

30.2568, 0.4006, 0.3755

Monochromacy



Original Color

30.6302, 0.4493, 0.4604

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

28.5398, 0.3679, 0.3922

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.6302, 0.4493, 0.4604 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(182, 146, 36)` looks like.

```
.text, #text, p{  
    color:rgb(182, 146, 36)  
}
```

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(182, 146, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 146, 36) }
```

Border

The CSS property to change the border of an element to Yxy 30.6302, 0.4493, 0.4604 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(182, 146, 36) }
```

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

```
.border{ border-color:rgb(182, 146, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 146, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 146, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 146, 36);  
box-shadow:4px 4px 4px 4px rgb(182, 146,  
36) }
```


Background

The CSS property to change the background color of an element to Yxy 30.6302, 0.4493, 0.4604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 146, 36) }
```

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

```
.background{ background-color: rgb(182,  
146, 36) }
```

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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