

Converting Colors

Yxy(39.6644, 0.4448, 0.4204)

Have a look what the booklet for
Yxy(39.6644, 0.4448, 0.4204)
contains.

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Color

Yxy(39.6027, 0.4452, 0.4206)

Conversions

Conversions Part 1

Format	Color
Hex	D89E4E
RGB	216, 158, 78
RGB Percent	85%, 62%, 31%
CMY	0.1530, 0.3804, 0.6942
CMYK	0.00, 0.27, 0.64, 0.15
HSL	35°, 64%, 58%
HSV	35°, 64%, 85%
XYZ	41.9190, 39.6027, 12.6360
YIQ	166.2220, 60.2480, -12.5840

Conversions

Conversions Part 2

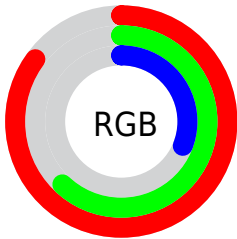
Format	Color
RYB	178, 216, 78
Decimal	14196302
CIELab	69.19, 13.41, 49.32
CIELCh	69, 51.109, 74.785
Yxy	39.6027, 0.4452, 0.4206
Android (android.graphics.Color)	4292386382 (0xFFD89E4E)
YUV	166.2220, -43.4934, 43.6553
Hunter-Lab	62.9307, 8.7726, 32.1465

Details

The Yxy color **39.6027, 0.4452, 0.4206** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **24.1713, 0.2082, 0.2069**, and the grayscale version is **38.4386, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.4602, 0.4048, 0.4130**, and **17.7626, 0.4772, 0.4379** is the 20% darker color. If you saturate the color by 10%, you get **36.3617, 0.4688, 0.4285**, and if you desaturate by 10%, it is **43.1779, 0.4210, 0.4091**.

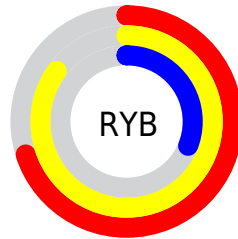
Distribution



Red (85%)

Green (62%)

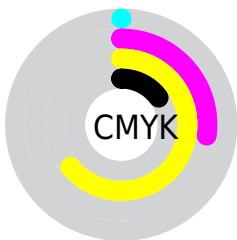
Blue (31%)



Red (70%)

Yellow (85%)

Blue (31%)

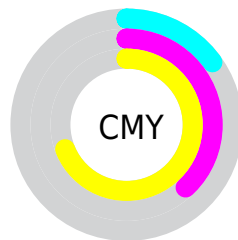


Cyan (0%)

Magenta (27%)

Yellow (64%)

Black (15%)



Cyan (15%)

Magenta (38%)

Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.6027, 0.4452, 0.4206 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 39.6027, 0.4452, 0.4206 by changing the saturation by 10% instead.

 39.6027, 0.4452,
0.4206


 39.6027, 0.4452,
0.4206


344.4462, 0.3796,
0.3788

 27.2289, 0.4602,
0.4287


 74.5581, 0.4221,
0.4069


 17.7452, 0.4783,
0.4375


 97.9086, 0.4132,
0.4013


 10.7672, 0.4997,
0.4460


 125.6867, 0.4055,
0.3963

 5.9105, 0.5343,
0.4603

 158.2769, 0.3989,
0.3920

 2.7908, 0.5507,
0.4493

 196.0635, 0.3931,
0.3881

 1.0235, 0.5741,
0.4259

239.4310, 0.3880,

 0.0000, 1.0000,

0.3847

0.0000

288.7638, 0.3836,
0.3816

■ 0.0000, 0.0000,
0.0000

■ 39.6027, 0.4452,
0.4206

■ 39.6027, 0.4452,
0.4206

■ 36.3617, 0.4688,
0.4285

■ 43.1779, 0.4210,
0.4091

■ 33.4338, 0.4904,
0.4318

■ 47.0952, 0.3972,
0.3952

■ 30.8031, 0.5088,
0.4297

■ 51.3691, 0.3748,
0.3801

■ 29.3300, 0.5187,
0.4263

■ 56.0115, 0.3541,
0.3645

■ 61.0332, 0.3354,
0.3492

■ 66.4449, 0.3187,
0.3345

■ 72.2565, 0.3039,
0.3207

■ 78.4775, 0.2909,
0.3078

■ 83.9476, 0.2888,
0.3131

Harmonies

Analogous

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



39.6027, 0.4620, 0.3664



39.6027, 0.4452, 0.4206



39.6027, 0.3928, 0.4607

Triad

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



39.6027, 0.4452, 0.4206



39.6027, 0.2039, 0.3310



39.6027, 0.2880, 0.2289

Complementary

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



39.6027, 0.4452, 0.4206



24.1713, 0.2082, 0.2069

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.



39.6027, 0.2267, 0.2148



39.6027, 0.4452, 0.4206



39.6027, 0.1832, 0.2633

Square

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



39.6027, 0.4452, 0.4206



39.6027, 0.2534, 0.4109



39.6027, 0.1912, 0.2250



39.6027, 0.3648, 0.2630

Rectangle

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



39.6027, 0.4452, 0.4206



39.6027, 0.3468, 0.4677



39.6027, 0.1912, 0.2250



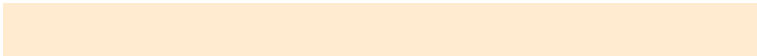
39.6027, 0.2650, 0.2217

Sweetspot

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



39.6047, 0.4452, 0.4206



84.9571, 0.3450, 0.3572



21.8710, 0.4250, 0.2610



17.7383, 0.3505, 0.3617



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



39.6047, 0.4452, 0.4206



51.2726, 0.4774, 0.4304



62.8945, 0.3936, 0.4797



13.6050, 0.3277, 0.3425



17.5790, 0.5168, 0.4279



1.2224, 0.4955, 0.4448

Inverse Universe

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



24.1713, 0.2082, 0.2069



27.2295, 0.1896, 0.1758



12.4362, 0.1948, 0.1271



12.8575, 0.2982, 0.3151



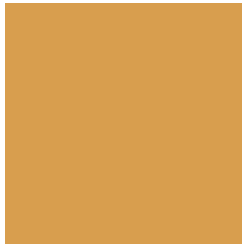
7.5402, 0.1704, 0.1333



0.6165, 0.1799, 0.1674

Previews

White Background



This preview shows how the Yxy color 39.6027, 0.4452, 0.4206 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 39.6027, 0.4452, 0.4206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

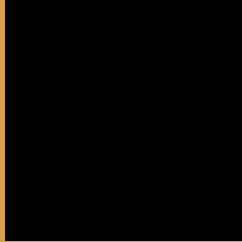
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.6027, 0.4452, 0.4206

Background



This preview shows how black text looks on a background with the Yxy color 39.6027, 0.4452, 0.4206.



This preview shows how white text looks on a background with the Yxy color 39.6027, 0.4452, 0.4206.

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

39.6027, 0.4452, 0.4206

Protanopia

39.5499, 0.4047, 0.4421

Deuteranopia

39.5809, 0.4366, 0.4279



Tritanopia

39.5626, 0.3772, 0.3160

Trichromacy



Original Color

39.6027, 0.4452, 0.4206

Protanomaly

39.5101, 0.4195, 0.4335

Deuteranomaly

39.6745, 0.4403, 0.4255

Tritanomaly

39.2838, 0.4056, 0.3558

Monochromacy



Original Color

39.6027, 0.4452, 0.4206

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

38.1060, 0.3601, 0.3692

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.6027, 0.4452, 0.4206 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(216, 158, 78)` looks like.

```
.text, #text, p{  
    color:rgb(216, 158, 78)  
}
```

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(216, 158, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 158, 78) }
```

Border

The CSS property to change the border of an element to Yxy 39.6027, 0.4452, 0.4206 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(216, 158, 78) }
```

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

```
.border{ border-color:rgb(216, 158, 78) }
```

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

Here you see how a box with a 4 pixel rgb(216, 158, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 158, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 158, 78);  
box-shadow:4px 4px 4px 4px rgb(216, 158,  
78) }
```


Background

The CSS property to change the background color of an element to Yxy 39.6027, 0.4452, 0.4206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 158, 78) }
```

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

```
.background{ background-color: rgb(216,  
158, 78) }
```

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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