

Converting Colors

YUV(109.6480, -49.6195,
48.5437)

Have a look what the booklet for
YUV(109.6480, -49.6195, 48.5437)
contains.

YUV(109.6480, -49.6195, 48.5437)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(109.6480, -49.6195,
48.5437)**

Conversions

Conversions Part 1

Format	Color
Hex	A56509
RGB	165, 101, 9
RGB Percent	65%, 40%, 4%
CMY	0.3529, 0.6039, 0.9647
CMYK	0.00, 0.39, 0.95, 0.35
HSL	35°, 90%, 34%
HSV	35°, 95%, 65%
XYZ	20.2200, 17.3264, 2.5371
YIQ	109.6480, 67.6760, -15.0440

Conversions

Conversions Part 2

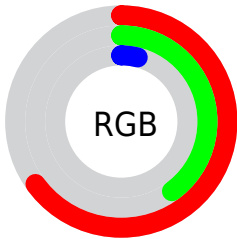
Format	Color
R _Y B	118, 165, 9
Decimal	10839305
CIE Lab	48.67, 19.74, 54.37
CIE LCh	49, 57.845, 70.049
Yxy	17.3264, 0.5044, 0.4323
Android (android.graphics.Color)	4289029385 (0xFFA56509)
YUV	109.6480, -49.6195, 48.5437
Hunter-Lab	41.6250, 13.8656, 25.5238

Details

The YUV color **109.6480, -49.6195, 48.5437** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **64.3520, 49.6195, -48.5437**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.1370, -47.8885, 53.3769**, and **63.6910, -31.3997, 37.9820** is the 20% darker color. If you saturate the color by 10%, you get **106.2740, -52.3931, 51.5027**, and if you desaturate by 10%, it is **115.5810, -44.6564, 43.3405**.

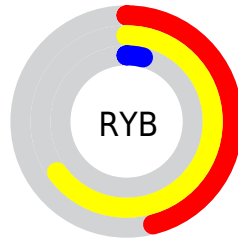
Distribution



Red (65%)

Green (40%)

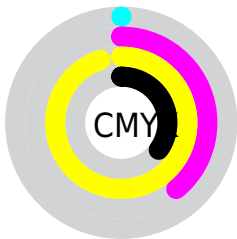
Blue (4%)



Red (46%)

Yellow (65%)

Blue (4%)

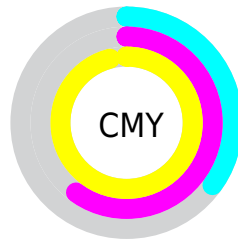


Cyan (0%)

Magenta (39%)

Yellow (95%)

Black (35%)



Cyan (35%)

Magenta (60%)

Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the YUV color 109.6480, -49.6195, 48.5437 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 YUV color 109.6480, -49.6195, 48.5437 by changing the saturation by 10% instead.


 109.6480,
-49.6195, 48.5437


 109.6480,
-49.6195, 48.5437


255.0000, 0.0000,
0.0000


 85.8630, -42.3305,
43.9701


 164.1370,
-47.8885, 53.3769


 63.6910, -31.3997,
37.9820


 191.8060,
-49.2044, 55.4211

 42.4050, -20.9057,
32.0938

 210.6190,
-45.6612, 38.9221

 22.0050, -10.8485,
26.3056

 230.7200,
-42.2600, 21.2936


 8.1870, -3.5432,
16.4990

 245.6520,
-35.8174, 8.1982

 0.0000, 0.0000,
0.0000


 248.8440,


-23.5871, 5.3988


 252.0360,
-11.3567, 2.5994


 109.6480,
-49.6195, 48.5437


 109.6480,
-49.6195, 48.5437

 106.2740,
-52.3931, 51.5027

 115.5810,
-44.6564, 43.3405

 121.6280,
-39.2566, 38.0372

 126.9740,
-34.0042, 33.3488

 133.0210,
-28.6044, 28.0456

 138.9540,
-23.6413, 22.8423

■ 145.0010,
-18.2415, 17.5391

■ 150.3470,
-12.9891, 12.8507

■ 156.3940, -7.5892,
7.5475

■ 162.3270, -2.6262,
2.3442

Harmonies

Analogous

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



110.6490, -27.4350, 73.0988



109.6480, -49.6195, 48.5437



106.9290, -52.7160, 14.9713

Triad

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



109.6480, -49.6195, 48.5437



95.9400, 17.2846, -84.1394



118.8010, 35.5941, 16.8375

Complementary

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



109.6480, -49.6195, 48.5437



64.3520, 49.6195, -48.5437

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.



95.3640, 57.9945, -74.8642



109.6480, -49.6195, 48.5437



100.7110, 38.1035, -88.3235

Square

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



109.6480, -49.6195, 48.5437



88.9520, -4.4133, -78.0109



100.0220, 53.2332, -87.7193



114.9780, 17.2658, 62.2863

Rectangle

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



109.6480, -49.6195, 48.5437



103.1690, -43.4673, -11.5492



100.0220, 53.2332, -87.7193



116.5750, 41.6215, -3.1353

Sweetspot

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



109.6480, -49.6195, 48.5437



193.0720, -19.2625, 18.3539



63.0540, 5.3964, 89.4066



94.0910, -11.3839, 11.3212



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



109.6480, -49.6195, 48.5437



137.9480, -68.0084, 66.6976



143.3290, -66.2242, 7.6045



78.6260, -2.7736, 2.9590



93.8370, -46.2616, 44.8700



11.8390, -5.8366, 5.4032

Inverse Universe

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



64.3520, 49.6195, -48.5437



76.0520, 68.0084, -66.6976



30.6710, 66.2242, -7.6045



76.3740, 2.7736, -2.9590



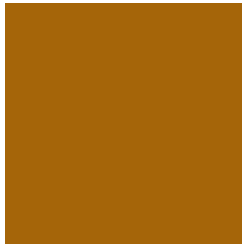
51.7500, 45.9723, -45.3847



6.1610, 5.8366, -5.4032

Previews

White Background



This preview shows how the YUV color 109.6480, -49.6195, 48.5437 looks on a white 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 × Fail

Black Background



This preview shows how the YUV color 109.6480, -49.6195, 48.5437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 109.6480, -49.6195, 48.5437

Background



This preview shows how black text looks on a background with the YUV color 109.6480, -49.6195, 48.5437.



This preview shows how white text looks on a background with the YUV color 109.6480, -49.6195,

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

109.6480, -49.6195, 48.5437

Protanopia

108.9710, -46.3277, 19.3194

Tritanopia

117.2230, -7.9979, 45.4084

Trichromacy



Original Color

109.6480, -49.6195, 48.5437

Protanomaly

109.3960, -47.5232, 29.4707

Tritanomaly

114.9230, -23.1330, 46.5485

Monochromacy



Original Color

109.6480, -49.6195, 48.5437

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

110.0010, -18.2415, 17.5391

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.6480, -49.6195, 48.5437 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(165, 101, 9)` looks like.

```
.text, #text, p{  
    color:rgb(165, 101, 9)  
}
```

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(165, 101, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 101, 9) }
```

Border

The CSS property to change the border of an element to YUV 109.6480, -49.6195, 48.5437 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(165, 101, 9) }
```

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

```
.border{ border-color:rgb(165, 101, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 101, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 101, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 101, 9);  
box-shadow:4px 4px 4px 4px rgb(165, 101,  
9) }
```


Background

The CSS property to change the background color of an element to YUV 109.6480, -49.6195, 48.5437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 101, 9) }
```

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

```
.background{ background-color: rgb(165,  
101, 9) }
```

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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