

Converting Colors

YUV(159.3030, -59.8024,
47.9693)

Have a look what the booklet for
YUV(159.3030, -59.8024, 47.9693)
contains.

YUV(159.3030, -59.8024, 47.9693)	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>	31

Color

**YUV(159.3030, -59.8024,
47.9693)**

Conversions

Conversions Part 1

Format	Color
Hex	D69B26
RGB	214, 155, 38
RGB Percent	84%, 61%, 15%
CMY	0.1608, 0.3922, 0.8510
CMYK	0.00, 0.28, 0.82, 0.16
HSL	40°, 70%, 49%
HSV	40°, 82%, 84%
XYZ	39.8028, 37.8788, 7.0472
YIQ	159.3030, 72.7210, -23.8790

Conversions

Conversions Part 2

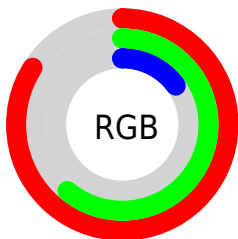
Format	Color
RYB	127, 214, 38
Decimal	14064422
CIELab	67.93, 12.31, 64.41
CIELCh	68, 65.574, 79.184
Yxy	37.8788, 0.4698, 0.4471
Android (android.graphics.Color)	4292254502 (0xFFD69B26)
YUV	159.3030, -59.8024, 47.9693
Hunter-Lab	61.5457, 7.7342, 36.2931

Details

The YUV color **159.3030, -59.8024, 47.9693** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle washed orange. A complement of this color would be **92.6970, 59.8024, -47.9693**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.6440, -57.0125, 39.7772**, and **107.0940, -52.7973, 41.1366** is the 20% darker color. If you saturate the color by 10%, you get **152.8000, -66.9494, 53.6724**, and if you desaturate by 10%, it is **165.8060, -52.6554, 42.2661**.

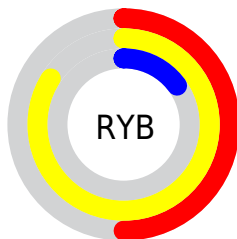
Distribution



Red (84%)

Green (61%)

Blue (15%)



Red (50%)

Yellow (84%)

Blue (15%)

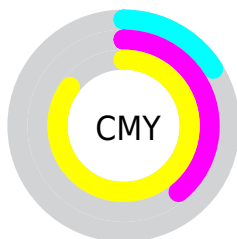


Cyan (0%)

Magenta (28%)

Yellow (82%)

Black (16%)



Cyan (16%)

Magenta (39%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.3030, -59.8024, 47.9693 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 159.3030, -59.8024, 47.9693 by changing the saturation by 10% instead.

■ 159.3030,
-59.8024, 47.9693

■ 159.3030,
-59.8024, 47.9693

■ 255.0000, 0.0000,
0.0000

■ 130.7390,
-64.4543, 46.7099

■ 209.6440,
-57.0125, 39.7772

■ 107.0940,
-52.7973, 41.1366

■ 229.1580,
-53.3219, 22.6634

■ 84.3350, -41.5772,
35.6632

■ 242.9160,
-46.3006, 10.5977

■ 62.4620, -30.7938,
30.2898

■ 246.1080,
-34.0702, 7.7983

■ 41.7630, -20.5892,
23.8868

■ 249.3000,
-21.8399, 4.9989

■ 22.2490, -10.9688,
18.1986

■ 252.6060, -9.1728,

■ 2.6910, -1.3267,

2.0995

5.5330

■ 0.0000, 0.0000,
0.0000

■ 159.3030,
-59.8024, 47.9693

■ 159.3030,
-59.8024, 47.9693

■ 152.8000,
-66.9494, 53.6724

■ 165.8060,
-52.6554, 42.2661

■ 147.3400,
-72.6386, 58.4608

■ 172.4230,
-45.0715, 36.4630

■ 179.5130,
-38.2139, 30.2451

■ 186.1300,
-30.6301, 24.4420

■ 192.6330,
-23.4831, 18.7389

■ 199.1360,
-16.3360, 13.0357

■ 205.7530, -8.7522,
7.2326

■ 212.2560, -1.6052,
1.5295

■ 219.4600, 5.6892,
-4.7884

Harmonies

Analogous

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



161.6210, -41.7182, 81.0164



159.3030, -59.8024, 47.9693



154.5380, -56.4672, 4.7902

Triad

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



159.3030, -59.8024, 47.9693



137.0200, 32.5281, -120.1665



170.4710, 36.2498, 39.9289

Complementary

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



159.3030, -59.8024, 47.9693



92.6970, 59.8024, -47.9693

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.



159.7780, 46.9444, -30.5003



159.3030, -59.8024, 47.9693



140.4860, 55.9624, -123.2062

Square

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



159.3030, -59.8024, 47.9693



128.7780, 6.0254, -112.9383



133.5560, 59.8719, -117.1286



163.6490, 12.9910, 80.1148

Rectangle

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



159.3030, -59.8024, 47.9693



149.4440, -40.6449, -30.2074



133.5560, 59.8719, -117.1286



169.8320, 41.9878, 19.4413

Sweetspot

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



159.3030, -59.8024, 47.9693



235.3770, -21.8779, 17.2094



97.6920, 1.1378, 102.0021



115.9230, -13.2730, 10.5915



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



159.3030, -59.8024, 47.9693



176.3770, -85.4749, 68.9524



186.1620, -73.0439, 1.6119



103.9850, -3.9366, 2.6442



118.0470, -58.1972, 46.4398



29.8800, -14.7308, 11.5062

Inverse Universe

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



92.6970, 59.8024, -47.9693



81.0360, 85.7643, -68.4376



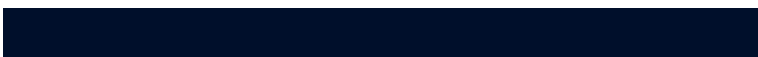
65.8380, 73.0439, -1.6119



99.6020, 3.6472, -3.1590



52.9530, 58.1972, -46.4398



13.7070, 14.4414, -12.0210

Previews

White Background



This preview shows how the YUV color 159.3030, -59.8024, 47.9693 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 YUV color 159.3030, -59.8024, 47.9693 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](#).

YUV 159.3030, -59.8024, 47.9693

Background



This preview shows how black text looks on a background with the YUV color 159.3030, -59.8024, 47.9693.



This preview shows how white text looks on a background with the YUV color 159.3030, -59.8024,

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

159.3030, -59.8024, 47.9693

Protanopia

157.7300, -57.5479, 24.7928

Deuteranopia

158.8680, -60.0809, 43.9658



Tritanopia

168.8640, -6.8350, 45.7233

Trichromacy



Original Color

159.3030, -59.8024, 47.9693

Protanomaly

158.2580, -58.3012, 33.0997

Deuteranomaly

158.8790, -60.0863, 45.7101

Tritanomaly

165.4130, -26.3326, 46.1188

Monochromacy



Original Color

159.3030, -59.8024, 47.9693

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

159.3770, -21.8779, 17.2094

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.3030, -59.8024, 47.9693 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(214, 155, 38)` looks like.

```
.text, #text, p{  
    color:rgb(214, 155, 38)  
}
```

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(214, 155, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 155, 38) }
```

Border

The CSS property to change the border of an element to YUV 159.3030, -59.8024, 47.9693 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(214, 155, 38) }
```


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

```
.border{ border-color:rgb(214, 155, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 155, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 155, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 155, 38);  
box-shadow:4px 4px 4px 4px rgb(214, 155,  
38) }
```

Background

The CSS property to change the background color of an element to YUV 159.3030, -59.8024, 47.9693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 155, 38) }
```

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

```
.background{ background-color: rgb(214,  
155, 38) }
```

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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