

Converting Colors

YUV(92.5460, -21.9612,
-49.5908)

Have a look what the booklet for
YUV(92.5460, -21.9612, -49.5908)
contains.

YUV(92.5460, -21.9612, -49.5908)	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(92.5460, -21.9612,
-49.5908)**

Conversions

Conversions Part 1

Format	Color
Hex	248230
RGB	36, 130, 48
RGB Percent	14%, 51%, 19%
CMY	0.8588, 0.4902, 0.8118
CMYK	0.72, 0.00, 0.63, 0.49
HSL	128°, 57%, 33%
HSV	128°, 72%, 51%
XYZ	9.2437, 16.5537, 5.5043
YIQ	92.5460, -29.7020, -45.4300

Conversions

Conversions Part 2

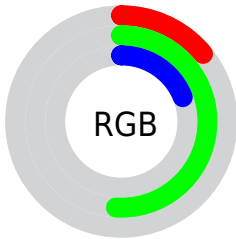
Format	Color
R_{YB}	36, 119, 130
Decimal	2392624
CIE _{Lab}	47.69, -44.60, 35.86
CIE _{LCh}	48, 57.233, 141.198
Yxy	16.5537, 0.2953, 0.5288
Android (android.graphics.Color)	4280582704 (0xFF248230)
YUV	92.5460, -21.9612, -49.5908
Hunter-Lab	40.6863, -30.6468, 20.4593

Details

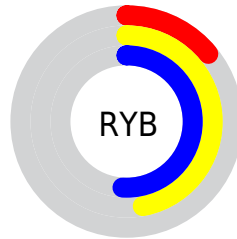
The YUV color **92.5460, -21.9612, -49.5908** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **73.4540, 21.9612, 49.5908**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.4710, -24.8822, -46.0171**, and **46.3730, -22.8619, -40.6691** is the 20% darker color. If you saturate the color by 10%, you get **87.4050, -24.8497, -56.4832**, and if you desaturate by 10%, it is **97.6870, -19.0727, -42.6985**.

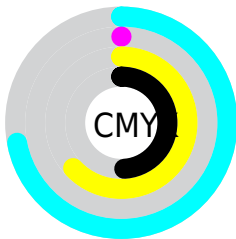
Distribution



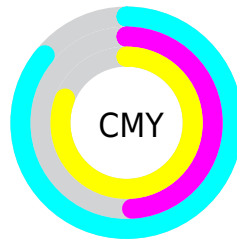
- Red (14%)
- Green (51%)
- Blue (19%)



- Red (14%)
- Yellow (47%)
- Blue (51%)



- Cyan (72%)
- Magenta (0%)
- Yellow (63%)
- Black (49%)



- Cyan (86%)
- Magenta (49%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 92.5460, -21.9612, -49.5908 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 92.5460, -21.9612, -49.5908 by changing the saturation by 10% instead.

■ 92.5460, -21.9612,
-49.5908

■ 92.5460, -21.9612,
-49.5908

255.0000, 0.0000,
0.0000

■ 63.6700, -20.0503,
-55.8386

■ 147.4710,
-24.8822, -46.0171

■ 46.3730, -22.8619,
-40.6691

■ 175.2430,
-25.7558, -45.8171

■ 32.2850, -15.9165,
-28.3139

■ 203.6020,
-26.9188, -46.1320

■ 19.9580, -9.8393,
-17.5032

■ 223.2700,
-23.3041, -38.8248

■ 0.0000, 0.0000,
0.0000

■ 235.1330,
-15.3486, -23.7956

■ 247.1100, -6.9562,

-8.8665

■ 92.5460, -21.9612,
-49.5908

■ 92.5460, -21.9612,
-49.5908

■ 87.4050, -24.8497,
-56.4832

■ 97.6870, -19.0727,
-42.6985

■ 82.1500, -28.1749,
-63.2755

■ 102.9420,
-15.7474, -35.9061

■ 78.2480, -30.1953,
-68.6235

■ 108.0830,
-12.8589, -29.0138

■ 113.2240, -9.9704,
-22.1214

■ 118.4790, -6.6451,
-15.3291

■ 123.6200, -3.7567,
-8.4367

■ 128.7610, -0.8682,
-1.5444

■ 134.0160, 2.4571,
5.2480

■ 139.1570, 5.3456,
12.1403

Harmonies

Analogous

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



101.8240, -50.1992, 1.0314



92.5460, -21.9612, -49.5908



89.7160, 3.5910, -78.6809

Triad

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



92.5460, -21.9612, -49.5908



96.0270, 55.6957, -84.2157



107.1780, -12.9058, 79.6509

Complementary

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



92.5460, -21.9612, -49.5908



73.4540, 21.9612, 49.5908

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.



110.3830, 9.6712, 71.5781



92.5460, -21.9612, -49.5908



109.9960, 46.3440, -24.5525

Square

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



92.5460, -21.9612, -49.5908



98.9160, 43.9184, -86.7493



116.0870, 28.5511, 35.8807



108.2320, -35.1174, 63.8175

Rectangle

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



92.5460, -21.9612, -49.5908



94.0650, 17.7160, -82.4950



116.0870, 28.5511, 35.8807



107.5400, -5.1962, 80.2104

Sweetspot

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



92.5460, -21.9612, -49.5908



153.2890, -8.5235, -19.5475



115.9950, -39.4375, 2.6354



75.2560, -5.0562, -11.6255



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



92.5460, -21.9612, -49.5908



109.8680, -33.9519, -77.0602



97.7900, -1.8685, -54.1898



61.2230, -1.5889, -3.7036



76.9600, -30.0533, -67.4939



0.0000, 0.0000, 0.0000

Inverse Universe

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



73.4540, 21.9612, 49.5908



80.2460, 34.3887, 76.9603



68.2100, 1.8685, 54.1898



59.7770, 1.5889, 3.7036



50.9260, 29.6165, 67.5939



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 92.5460, -21.9612, -49.5908 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 92.5460, -21.9612, -49.5908 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 92.5460, -21.9612, -49.5908 Background



This preview shows how black text looks on a background with the YUV color 92.5460, -21.9612, -49.5908.



This preview shows how white text looks on a background with the YUV color 92.5460, -21.9612, -49.5908.

-49.5908.

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

92.5460, -21.9612, -49.5908

Protanopia

108.9070, -32.4922, 14.9906

Deuteranopia

110.6400, -27.4305, 24.8717



Tritanopia

105.2000, 13.2124, -37.8864

Trichromacy



Original Color

92.5460, -21.9612, -49.5908

Protanomaly

102.7900, -28.4905, -8.5858

Deuteranomaly

103.9310, -25.6020, -1.6935

Tritanomaly

100.7360, 0.1302, -41.8645

Monochromacy



Original Color

92.5460, -21.9612, -49.5908

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

92.5280, -7.6553, -18.0031

CSS Examples

Text

The CSS property to change the color of the text to YUV 92.5460, -21.9612, -49.5908 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(36, 130, 48)` looks like.

```
.text, #text, p{  
    color:rgb(36, 130, 48)  
}
```

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(36, 130, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 130, 48) }
```

Border

The CSS property to change the border of an element to YUV 92.5460, -21.9612, -49.5908 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(36, 130, 48) }
```


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

```
.border{ border-color:rgb(36, 130, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 130, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 130, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 130, 48);  
box-shadow:4px 4px 4px 4px rgb(36, 130,  
48) }
```

Background

The CSS property to change the background color of an element to YUV 92.5460, -21.9612, -49.5908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 130, 48) }
```

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

```
.background{ background-color: rgb(36, 130,  
48) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor