

Converting Colors

YUV(93.9820, -29.5711,
11.4168)

Have a look what the booklet for
YUV(93.9820, -29.5711, 11.4168)
contains.

YUV(93.9820, -29.5711, 11.4168)	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(93.9820, -29.5711,
11.4168)**

Conversions

Conversions Part 1

Format	Color
Hex	6B6322
RGB	107, 99, 34
RGB Percent	42%, 39%, 13%
CMY	0.5804, 0.6118, 0.8667
CMYK	0.00, 0.07, 0.68, 0.58
HSL	53°, 52%, 28%
HSV	53°, 68%, 42%
XYZ	10.8140, 12.1650, 3.2915
YIQ	93.9820, 25.6330, -18.5190

Conversions

Conversions Part 2

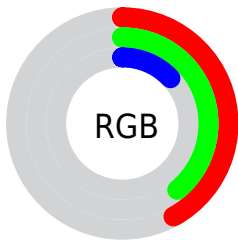
Format	Color
R_{YB}	43, 107, 34
Decimal	7037730
CIE _{Lab}	41.48, -5.47, 36.80
CIE _{LCh}	41, 37.199, 98.449
Yxy	12.1650, 0.4116, 0.4631
Android (android.graphics.Color)	4285227810 (0xFF6B6322)
YUV	93.9820, -29.5711, 11.4168
Hunter-Lab	34.8783, -5.6934, 18.8196

Details

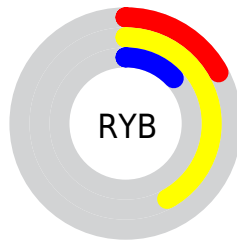
The YUV color **93.9820, -29.5711, 11.4168** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **47.0180, 29.5711, -11.4168**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.2380, -31.1763, 12.9463**, and **48.4530, -23.8873, 8.3727** is the 20% darker color. If you saturate the color by 10%, you get **92.1410, -34.0865, 13.0313**, and if you desaturate by 10%, it is **95.8230, -25.0557, 9.8022**.

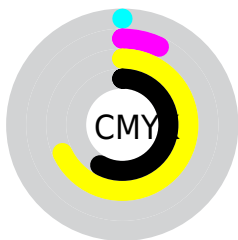
Distribution



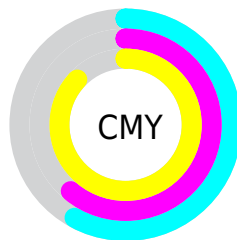
- Red (42%)
- Green (39%)
- Blue (13%)



- Red (17%)
- Yellow (42%)
- Blue (13%)



- Cyan (0%)
- Magenta (7%)
- Yellow (68%)
- Black (58%)



- Cyan (58%)
- Magenta (61%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.9820, -29.5711, 11.4168 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 93.9820, -29.5711, 11.4168 by changing the saturation by 10% instead.

93.9820, -29.5711,
11.4168

93.9820, -29.5711,
11.4168

255.0000, 0.0000,
0.0000

69.1560, -30.1499,
10.3872

145.2380,
-31.1763, 12.9463

48.4530, -23.8873,
8.3727

171.7220,
-31.9079, 14.2758

28.6510, -14.1249,
3.8141

199.2060,
-32.6396, 15.6053

5.2830, -2.6045,
-4.6332

227.9780,
-33.5132, 15.8053

0.0000, 0.0000,
0.0000

247.2480,
-29.7023, 6.7985

250.4400,

-17.4719, 3.9991

253.7460, -4.8048,
1.0998

93.9820, -29.5711,
11.4168

93.9820, -29.5711,
11.4168

92.1410, -34.0865,
13.0313

95.8230, -25.0557,
9.8022

90.4140, -38.1651,
14.5459

97.5500, -20.9771,
8.2877

87.9860, -42.3911,
16.6753

99.9780, -16.7512,
6.1583

87.7580, -43.2647,
16.8752

101.8190,
-12.2358, 4.5437

103.6600, -7.7204,
2.9292

■ 105.3870, -3.6418,
1.4146

■ 107.2280, 0.8736,
-0.2000

■ 109.0690, 5.3890,
-1.8145

■ 111.3830, 9.1782,
-3.8439

Harmonies

Analogous

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



95.9830, -27.5996, 32.4639



93.9820, -29.5711, 11.4168



90.4070, -20.9067, -14.3889

Triad

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



93.9820, -29.5711, 11.4168



81.1340, 26.5559, -71.1545



100.2770, 10.2164, 36.5911

Complementary

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



93.9820, -29.5711, 11.4168



47.0180, 29.5711, -11.4168

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.



100.3150, 22.5227, 9.3707



93.9820, -29.5711, 11.4168



80.3650, 36.3021, -70.4801

Square

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



93.9820, -29.5711, 11.4168



78.4150, 13.5994, -68.7700



92.8800, 32.1042, -30.5898



97.9830, -3.9356, 49.1269

Rectangle

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



93.9820, -29.5711, 11.4168



85.7340, -10.2219, -34.8467



92.8800, 32.1042, -30.5898



100.6720, 14.4587, 29.2287

Sweetspot

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



93.9820, -29.5711, 11.4168



135.0470, -11.3622, 4.3438



56.8530, -6.8295, 43.9789



68.4750, -7.1362, 2.2144



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



93.9820, -29.5711, 11.4168



119.8460, -46.7591, 17.6751



90.3060, -27.7589, -9.9154



52.7290, -2.3314, 1.1147



96.0310, -47.3433, 18.3898



201.2210, -99.2020, 38.3942

Inverse Universe

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



47.0180, 29.5711, -11.4168



45.7410, 46.4697, -18.1899



50.6940, 27.7589, 9.9154



49.2710, 2.3314, -1.1147



20.9690, 47.3433, -18.3898



43.7790, 99.2020, -38.3942

Previews

White Background



This preview shows how the YUV color 93.9820, -29.5711, 11.4168 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 93.9820, -29.5711, 11.4168 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 93.9820, -29.5711, 11.4168

Background



This preview shows how black text looks on a background with the YUV color 93.9820, -29.5711, 11.4168.



This preview shows how white text looks on a background with the YUV color 93.9820, -29.5711,

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

93.9820, -29.5711, 11.4168

Protanopia

94.2920, -29.7240, 13.7759

Deuteranopia

95.1730, -29.1723, 23.5273



Tritanopia

99.7780, 0.1094, 11.5957

Trichromacy



Original Color

93.9820, -29.5711, 11.4168

Protanomaly

93.9930, -29.5765, 13.1611

Deuteranomaly

94.7380, -29.4508, 19.5238

Tritanomaly

97.6180, -10.6577, 11.7360

Monochromacy



Original Color

93.9820, -29.5711, 11.4168

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.1610, -10.9254, 4.2438

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.9820, -29.5711, 11.4168 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(107, 99, 34)` looks like.

```
.text, #text, p{  
    color:rgb(107, 99, 34)  
}
```

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(107, 99, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 99, 34) }
```

Border

The CSS property to change the border of an element to YUV 93.9820, -29.5711, 11.4168 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(107, 99, 34) }
```


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

```
.border{ border-color:rgb(107, 99, 34) }
```

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

Here you see how a box with a 4 pixel rgb(107, 99, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 99, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 99, 34);  
box-shadow:4px 4px 4px 4px rgb(107, 99,  
34) }
```

Background

The CSS property to change the background color of an element to YUV 93.9820, -29.5711, 11.4168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 99, 34) }
```

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

```
.background{ background-color: rgb(107, 99,  
34) }
```

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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