

Converting Colors

YUV(114.7690, -6.7881,
-62.9414)

Have a look what the booklet for
YUV(114.7690, -6.7881, -62.9414)
contains.

YUV(114.7690, -6.7881, -62.9414)	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(114.7690, -6.7881,
-62.9414)**

Conversions

Conversions Part 1

Format	Color
Hex	2B9A65
RGB	43, 154, 101
RGB Percent	17%, 60%, 40%
CMY	0.8314, 0.3961, 0.6039
CMYK	0.72, 0.00, 0.34, 0.40
HSL	151°, 56%, 39%
HSV	151°, 72%, 60%
XYZ	14.9008, 24.5644, 16.2680
YIQ	114.7690, -49.1430, -40.0150

Conversions

Conversions Part 2

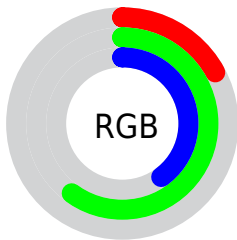
Format	Color
R_{YB}	43, 116, 154
Decimal	2857573
CIE _{Lab}	56.65, -43.54, 19.13
CIE _{LCh}	57, 47.553, 156.279
Yxy	24.5644, 0.2674, 0.4407
Android (android.graphics.Color)	4281047653 (0xFF2B9A65)
YUV	114.7690, -6.7881, -62.9414
Hunter-Lab	49.5625, -33.0688, 15.2329

Details

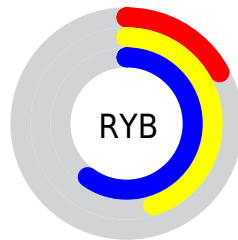
The YUV color **114.7690, -6.7881, -62.9414** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **82.2310, 6.7881, 62.9414**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.1070, -9.4198, -58.8528**, and **66.0300, -5.9308, -57.9083** is the 20% darker color. If you saturate the color by 10%, you get **109.4860, -7.6346, -71.4632**, and if you desaturate by 10%, it is **120.0520, -5.9416, -54.4196**.

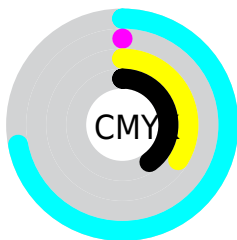
Distribution



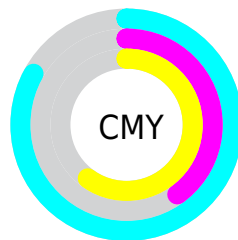
- Red (17%)
- Green (60%)
- Blue (40%)



- Red (17%)
- Yellow (45%)
- Blue (60%)



- Cyan (72%)
- Magenta (0%)
- Yellow (34%)
- Black (40%)



- Cyan (83%)
- Magenta (40%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.7690, -6.7881, -62.9414 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 114.7690, -6.7881, -62.9414 by changing the saturation by 10% instead.

■ 114.7690, -6.7881,
-62.9414

■ 114.7690, -6.7881,
-62.9414

■ 255.0000, 0.0000,
0.0000

■ 83.3270, -3.1192,
-73.0778

■ 171.1070, -9.4198,
-58.8528

■ 66.0300, -5.9308,
-57.9083

■ 199.5800,
-10.1459, -59.2677

■ 48.8470, -8.3056,
-42.8388

■ 221.4220, -7.1100,
-52.9901

■ 32.2510, -10.9697,
-28.2841

■ 233.2850, 0.8455,
-37.9609

■ 18.1970, -8.9711,
-15.9588

■ 244.2360, 5.3067,
-22.1320

■ 0.0000, 0.0000,
0.0000

■ 253.2060, 0.8844,

-3.6887

■ 114.7690, -6.7881,
-62.9414

■ 114.7690, -6.7881,
-62.9414

■ 109.4860, -7.6346,
-71.4632

■ 120.0520, -5.9416,
-54.4196

■ 103.7900, -8.7705,
-80.4998

■ 125.7480, -4.8058,
-45.3830

■ 99.5180, -9.6224,
-87.2773

■ 131.0310, -3.9593,
-36.8612

■ 136.6130, -3.2602,
-27.7246

■ 142.0100, -1.9769,
-19.3028

■ 147.2930, -1.1304,
-10.7810

■ 152.8750, -0.4314,
-1.6444

■ 158.2720, 0.8519,
6.7775

■ 163.8540, 1.5510,
15.9140

Harmonies

Analogous

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



125.8060, -29.4844, -16.4929



114.7690, -6.7881, -62.9414



108.5750, 17.4645, -95.2203

Triad

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



114.7690, -6.7881, -62.9414



127.3970, 44.6673, -46.8292



135.1470, -22.7505, 63.8921

Complementary

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



114.7690, -6.7881, -62.9414



82.2310, 6.7881, 62.9414

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.



136.2070, -3.5531, 66.4705



114.7690, -6.7881, -62.9414



139.0190, 31.5426, 9.6303

Square

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



114.7690, -6.7881, -62.9414



111.5170, 49.0451, -97.8004



139.3090, 15.1307, 47.0870



133.9540, -36.9523, 45.6443

Rectangle

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



114.7690, -6.7881, -62.9414



111.0660, 29.5475, -97.4049



139.3090, 15.1307, 47.0870



135.4770, -16.5042, 67.1107

Sweetspot

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



114.7690, -6.7881, -62.9414



185.4500, -2.6869, -24.9507



124.3030, -40.0824, -23.9447



92.4450, -1.6984, -15.2993



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



114.7690, -6.7881, -62.9414



139.9250, -10.3160, -98.1582



119.6370, 16.9410, -67.2106



74.1520, -0.5679, -4.5183



90.5020, -8.6285, -79.3703



8.4290, -0.7045, -7.3922

Inverse Universe

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



82.2310, 6.7881, 62.9414



89.1890, 10.7528, 98.0582



77.3630, -16.9410, 67.2106



71.8480, 0.5679, 4.5183



49.4980, 8.6285, 79.3703



4.5710, 0.7045, 7.3922

Previews

White Background



This preview shows how the YUV color 114.7690, -6.7881, -62.9414 looks on a white 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

Black Background



This preview shows how the YUV color 114.7690, -6.7881, -62.9414 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 × Fail

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

YUV 114.7690, -6.7881, -62.9414 Background



This preview shows how black text looks on a background with the YUV color 114.7690, -6.7881, -62.9414.



This preview shows how white text looks on a background with the YUV color 114.7690, -6.7881,

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

114.7690, -6.7881, -62.9414

Protanopia

133.5010, -19.9670, 10.9616

Deuteranopia

135.7500, -14.1738, 19.5132



Tritanopia

124.4480, 17.0341, -50.3819

Trichromacy



Original Color

114.7690, -6.7881, -62.9414

Protanomaly

126.8890, -15.2283, -15.6887

Deuteranomaly

128.2470, -11.4608, -10.7406

Tritanomaly

121.1240, 8.3199, -55.3597

Monochromacy



Original Color

114.7690, -6.7881, -62.9414

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

114.8740, -2.4029, -22.6915

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.7690, -6.7881, -62.9414 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(43, 154, 101)` looks like.

```
.text, #text, p{  
    color:rgb(43, 154, 101)  
}
```

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(43, 154, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 154, 101) }
```

Border

The CSS property to change the border of an element to YUV 114.7690, -6.7881, -62.9414 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(43, 154, 101) }
```


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

```
.border{ border-color:rgb(43, 154, 101) }
```

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

Here you see how a box with a 4 pixel rgb(43, 154, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 154, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 154, 101);  
box-shadow:4px 4px 4px 4px rgb(43, 154,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 114.7690, -6.7881, -62.9414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 154, 101) }
```

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

```
.background{ background-color: rgb(43, 154,  
101) }
```

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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