

Converting Colors

YUV(114.1000, -28.6433,
-6.2267)

Have a look what the booklet for
YUV(114.1000, -28.6433, -6.2267)
contains.

YUV(114.1000, -28.6433, -6.2267)	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(114.1000, -28.6433,
-6.2267)**

Conversions

Conversions Part 1

Format	Color
Hex	6B8138
RGB	107, 129, 56
RGB Percent	42%, 51%, 22%
CMY	0.5804, 0.4941, 0.7804
CMYK	0.17, 0.00, 0.57, 0.49
HSL	78°, 39%, 36%
HSV	78°, 57%, 51%
XYZ	14.6275, 19.1118, 6.6594
YIQ	114.1000, 10.3210, -27.3670

Conversions

Conversions Part 2

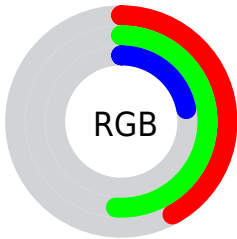
Format	Color
RYB	56, 129, 78
Decimal	7045432
CIELab	50.82, -20.06, 36.40
CIElCh	51, 41.566, 118.859
Yxy	19.1118, 0.3621, 0.4731
Android (android.graphics.Color)	4285235512 (0xFF6B8138)
YUV	114.1000, -28.6433, -6.2267
Hunter-Lab	43.7171, -16.7799, 21.5704

Details

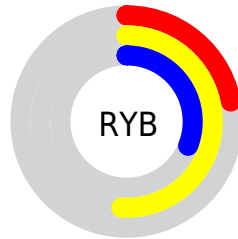
The YUV color **114.1000, -28.6433, -6.2267** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **70.9000, 28.6433, 6.2267**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.6440, -30.3905, -5.8268**, and **64.5730, -29.3695, -6.6415** is the 20% darker color. If you saturate the color by 10%, you get **111.4220, -33.7320, -7.3861**, and if you desaturate by 10%, it is **116.7780, -23.5546, -5.0673**.

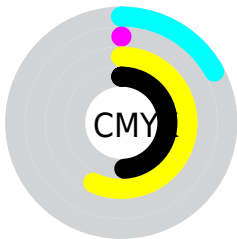
Distribution



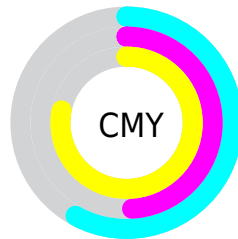
- Red (42%)
- Green (51%)
- Blue (22%)



- Red (22%)
- Yellow (51%)
- Blue (31%)



- Cyan (17%)
- Magenta (0%)
- Yellow (57%)
- Black (49%)



- Cyan (58%)
- Magenta (49%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.1000, -28.6433, -6.2267 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 114.1000, -28.6433, -6.2267 by changing the saturation by 10% instead.

■ 114.1000,
-28.6433, -6.2267

■ 114.1000,
-28.6433, -6.2267

■ 255.0000, 0.0000,
0.0000

■ 89.2140, -28.2065,
-6.3267

■ 166.6440,
-30.3905, -5.8268

■ 64.5730, -29.3695,
-6.6415

■ 194.4160,
-31.2641, -5.6268

■ 43.9240, -21.6545,
-7.8263

■ 222.3020,
-31.7009, -5.5269

■ 22.6380, -11.1605,
-13.7145

■ 244.0300,
-29.1018, 0.8507

■ 3.5220, -1.7363,
-3.0888

■ 250.2120,
-18.3455, 4.1991

■ 0.0000, 0.0000,
0.0000

■ 253.5180, -5.6784,

1.2997

■ 114.1000,
-28.6433, -6.2267

■ 114.1000,
-28.6433, -6.2267

■ 111.4220,
-33.7320, -7.3861

■ 116.7780,
-23.5546, -5.0673

■ 108.7440,
-38.8208, -8.5455

■ 119.4560,
-18.4658, -3.9079

■ 106.0660,
-43.9095, -9.7049

■ 122.1340,
-13.3771, -2.7485

■ 103.3880,
-48.9983, -10.8643

■ 124.8120, -8.2883,
-1.5891

■ 102.6330,
-50.5981, -11.0791

■ 127.1910, -3.0522,
-1.0445

■ 129.7550, 1.5998,
0.2149

■ 132.4330, 6.6885,
1.3743

■ 135.1110, 11.7773,
2.5337

■ 137.7890, 16.8660,
3.6930

Harmonies

Analogous

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



117.9680, -34.9872, 21.9531



114.1000, -28.6433, -6.2267



107.5330, -12.0948, -40.8094

Triad

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



114.1000, -28.6433, -6.2267



99.2920, 40.2820, -87.0791



122.5690, 0.7055, 53.8750

Complementary

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



114.1000, -28.6433, -6.2267



70.9000, 28.6433, 6.2267

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.



124.2750, 16.6264, 33.9618



114.1000, -28.6433, -6.2267



109.3160, 40.7632, -54.6511

Square

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



114.1000, -28.6433, -6.2267



98.5620, 27.3309, -86.4389



122.7850, 29.6860, -1.5654



120.9380, -15.7454, 57.0594

Rectangle

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



114.1000, -28.6433, -6.2267



93.0900, 6.3646, -81.6399



122.7850, 29.6860, -1.5654



123.3280, 6.2473, 49.7013

Sweetspot

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



114.1000, -28.6433, -6.2267



162.4160, -11.0511, -2.1188



90.7410, -17.1273, 33.5531



80.5670, -6.6885, -1.3743



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.



114.1000, -28.6433, -6.2267



144.8380, -44.7831, -9.5049



103.3360, -23.3366, -28.3587



62.6040, -2.7628, -0.5297



101.7470, -50.1613, -11.1791



0.0000, 0.0000, 0.0000

Inverse Universe

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



70.9000, 28.6433, 6.2267



77.1620, 44.7831, 9.5049



81.6640, 23.3366, 28.3587



58.3960, 2.7628, 0.5297



25.9540, 50.3087, 10.5643



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 114.1000, -28.6433, -6.2267 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 114.1000, -28.6433, -6.2267 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 114.1000, -28.6433, -6.2267

Background



This preview shows how black text looks on a background with the YUV color 114.1000, -28.6433, -6.2267.



This preview shows how white text looks on a background with the YUV color 114.1000, -28.6433, -6.2267.

-6.2267.

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

114.1000, -28.6433, -6.2267

Protanopia

117.2490, -31.1818, 14.6906

Deuteranopia

118.8960, -29.0357, 26.4012



Tritanopia

120.6450, 5.1050, -4.0737

Trichromacy



Original Color

114.1000, -28.6433, -6.2267

Protanomaly

116.1340, -30.1391, 6.8985

Deuteranomaly

117.2320, -28.7084, 14.7055

Tritanomaly

118.4310, -7.1145, -4.7630

Monochromacy



Original Color

114.1000, -28.6433, -6.2267

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.6440, -10.1775, -2.3188

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.1000, -28.6433, -6.2267 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, 129, 56)` looks like.

```
.text, #text, p{  
    color:rgb(107, 129, 56)  
}
```

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, 129, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 129, 56) }
```

Border

The CSS property to change the border of an element to YUV 114.1000, -28.6433, -6.2267 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, 129, 56) }
```


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

```
.border{ border-color:rgb(107, 129, 56) }
```

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

Here you see how a box with a 4 pixel rgb(107, 129, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 129, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 129, 56);  
box-shadow:4px 4px 4px 4px rgb(107, 129,  
56) }
```

Background

The CSS property to change the background color of an element to YUV 114.1000, -28.6433, -6.2267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 129, 56) }
```

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

```
.background{ background-color: rgb(107,  
129, 56) }
```

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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