

Converting Colors

YUV(66.3120, -23.3248,
14.6354)

Have a look what the booklet for
YUV(66.3120, -23.3248, 14.6354)
contains.

YUV(66.3120, -23.3248, 14.6354)	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(66.3120, -23.3248,
14.6354)**

Conversions

Conversions Part 1

Format	Color
Hex	534313
RGB	83, 67, 19
RGB Percent	33%, 26%, 7%
CMY	0.6745, 0.7373, 0.9255
CMYK	0.00, 0.19, 0.77, 0.67
HSL	45°, 63%, 20%
HSV	45°, 77%, 33%
XYZ	5.6920, 5.9003, 1.4550
YIQ	66.3120, 24.9440, -11.5360

Conversions

Conversions Part 2

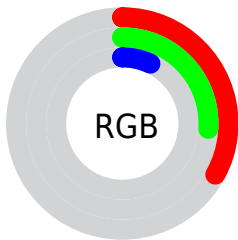
Format	Color
RYB	40, 83, 19
Decimal	5456659
CIELab	29.16, 0.97, 30.40
CIELCh	29, 30.417, 88.180
Yxy	5.9003, 0.4363, 0.4522
Android (android.graphics.Color)	4283646739 (0xFF534313)
YUV	66.3120, -23.3248, 14.6354
Hunter-Lab	24.2906, -0.6809, 13.4520

Details


The YUV color **66.3120, -23.3248, 14.6354** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **35.6880, 23.3248, -14.6354**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.2800, -24.7880, 17.2944**, and **25.1400, -12.3940, 8.6472** is the 20% darker color. If you saturate the color by 10%, you get **64.2260, -26.2404, 16.4648**, and if you desaturate by 10%, it is **68.3980, -20.4092, 12.8060**.

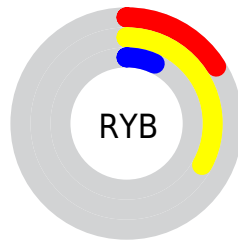
Distribution



 Red (33%)

 Green (26%)

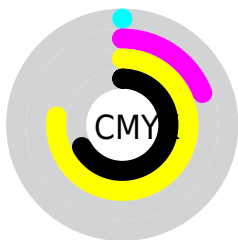
 Blue (7%)




 Red (16%)

 Yellow (33%)

 Blue (7%)

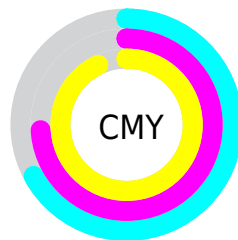



 Cyan (0%)

 Magenta (19%)

 Yellow (77%)

 Black (67%)



 Cyan (67%)

 Magenta (74%)

 Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.3120, -23.3248, 14.6354 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 66.3120, -23.3248, 14.6354 by changing the saturation by 10% instead.

■ 66.3120, -23.3248,
14.6354

■ 66.3120, -23.3248,
14.6354

■ 254.4300, -2.1840,
0.4999

■ 44.0560, -21.7196,
13.1059

■ 115.2800,
-24.7880, 17.2944

■ 25.1400, -12.3940,
8.6472

■ 140.7640,
-25.5197, 18.6240

■ 0.0000, 0.0000,
0.0000

■ 167.2480,
-26.2513, 19.9535

■ 195.0200,
-27.1249, 20.1535

■ 222.5040,
-27.8565, 21.4830

■ 245.1110,

-25.1977, 8.6727

■ 251.2380,
-14.4143, 3.2993

■ 66.3120, -23.3248,
14.6354

■ 66.3120, -23.3248,
14.6354

■ 64.2260, -26.2404,
16.4648

■ 68.3980, -20.4092,
12.8060

■ 62.0260, -29.5928,
18.3942

■ 70.5980, -17.0568,
10.8766

■ 61.2110, -30.1770,
19.1090

■ 72.6840, -14.1412,
9.0471

■ 74.7700, -11.2256,
7.2177

■ 76.9700, -7.8732,
5.2883

■ 79.0560, -4.9576,
3.4589

■ 81.7290, -2.3314,
1.1147

■ 83.8150, 0.5842,
-0.7148

■ 86.0150, 3.9366,
-2.6442

Harmonies

Analogous

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



67.5510, -19.0056, 29.3348



66.3120, -23.3248, 14.6354



64.2280, -19.3394, -3.7080

Triad

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



66.3120, -23.3248, 14.6354



57.2200, 16.1605, -50.1819



71.1180, 11.2808, 21.8215

Complementary

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



66.3120, -23.3248, 14.6354



35.6880, 23.3248, -14.6354

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.



69.5540, 19.9399, -2.2399



66.3120, -23.3248, 14.6354



57.5110, 24.8911, -50.4371

Square

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



66.3120, -23.3248, 14.6354



54.4840, 5.6774, -47.7825



57.5810, 28.8006, -44.3595



69.1600, 0.9071, 35.8167

Rectangle

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



66.3120, -23.3248, 14.6354



61.5620, -12.6021, -18.0329



57.5810, 28.8006, -44.3595



71.1710, 14.2127, 14.7590

Sweetspot

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



66.3120, -23.3248, 14.6354



100.6280, -9.1836, 5.5882



39.9600, -2.4453, 37.7461



49.9420, -5.3944, 3.5589



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



66.3120, -23.3248, 14.6354



80.9250, -36.4450, 22.8678



70.9200, -25.5966, -3.4378



39.9570, -1.4578, 0.9147



77.1810, -38.0502, 24.3973



171.5060, -84.5525, 53.0532

Inverse Universe

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



35.6880, 23.3248, -14.6354



33.0750, 36.4450, -22.8678



31.0800, 25.5966, 3.4378



38.0430, 1.4578, -0.9147



27.2320, 38.3396, -23.8825



60.4940, 84.5525, -53.0532

Previews

White Background



This preview shows how the YUV color 66.3120, -23.3248, 14.6354 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 ✓ Pass

Black Background



This preview shows how the YUV color 66.3120, -23.3248, 14.6354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

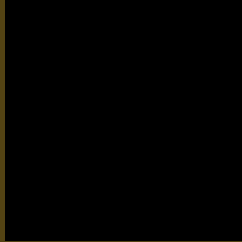
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.3120, -23.3248, 14.6354 Background



This preview shows how black text looks on a background with the YUV color 66.3120, -23.3248, 14.6354.



This preview shows how white text looks on a background with the YUV color 66.3120, -23.3248,

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

66.3120, -23.3248, 14.6354

Protanopia

65.8060, -22.5824, 9.8171

Deuteranopia

66.4480, -22.8989, 18.0241



Tritanopia

70.3330, -1.6432, 13.7400

Trichromacy



Original Color

66.3120, -23.3248, 14.6354

Protanomaly

65.8170, -22.5878, 11.5615

Deuteranomaly

66.7360, -23.0408, 16.8945

Tritanomaly

68.6830, -9.2107, 14.3100

Monochromacy



Original Color

66.3120, -23.3248, 14.6354

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

65.8560, -8.3100, 5.3883

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.3120, -23.3248, 14.6354 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(83, 67, 19)` looks like.

```
.text, #text, p{  
    color:rgb(83, 67, 19)  
}
```

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(83, 67, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 67, 19) }
```

Border

The CSS property to change the border of an element to YUV 66.3120, -23.3248, 14.6354 is called "border". The border property can be set on classes, ids or directly on the HTML element.

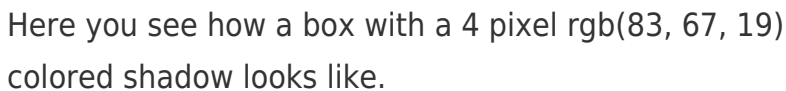
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(83, 67, 19) }
```


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

```
.border{ border-color:rgb(83, 67, 19) }
```

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



Here you see how a box with a 4 pixel `rgb(83, 67, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 67, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 67, 19);  
box-shadow:4px 4px 4px 4px rgb(83, 67, 19)  
}
```

Background

The CSS property to change the background color of an element to YUV 66.3120, -23.3248, 14.6354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 67, 19) }
```

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

```
.background{ background-color: rgb(83, 67,  
19) }
```

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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