

Converting Colors

YUV(105.2490, -30.6888,
90.1126)

Have a look what the booklet for
YUV(105.2490, -30.6888, 90.1126)
contains.

YUV(105.2490, -30.6888, 90.1126)	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(105.2490, -30.6888,
90.1126)**

Conversions

Conversions Part 1

Format	Color
Hex	D0412B
RGB	208, 65, 43
RGB Percent	82%, 25%, 17%
CMY	0.1843, 0.7451, 0.8314
CMYK	0.00, 0.69, 0.79, 0.18
HSL	8°, 66%, 49%
HSV	8°, 79%, 82%
XYZ	28.3388, 17.3649, 4.1436
YIQ	105.2490, 92.2900, 23.4740

Conversions

Conversions Part 2

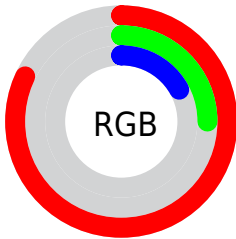
Format	Color
RYB	208, 68, 43
Decimal	13648171
CIELab	48.72, 55.08, 44.31
CIElCh	49, 70.688, 38.815
Yxy	17.3649, 0.5685, 0.3484
Android (android.graphics.Color)	4291838251 (0xFFD0412B)
YUV	105.2490, -30.6888, 90.1126
Hunter-Lab	41.6712, 48.4654, 23.2743

Details

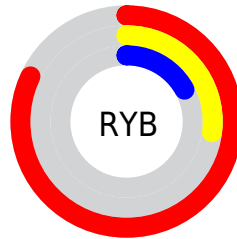
The YUV color **105.2490, -30.6888, 90.1126** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **145.7510, 30.6888, -90.1126**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.6460, -32.8565, 85.3795**, and **43.3550, -21.3740, 89.1427** is the 20% darker color. If you saturate the color by 10%, you get **92.2890, -34.6525, 101.4785**, and if you desaturate by 10%, it is **118.2090, -26.7250, 78.7467**.

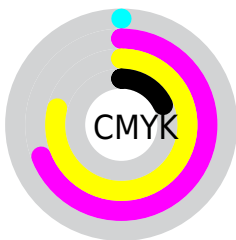
Distribution



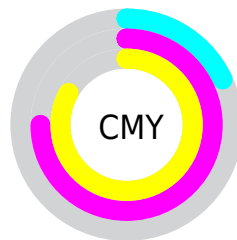
- Red (82%)
- Green (25%)
- Blue (17%)



- Red (82%)
- Yellow (27%)
- Blue (17%)



- Cyan (0%)
- Magenta (69%)
- Yellow (79%)
- Black (18%)



- Cyan (18%)
- Magenta (75%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the YUV color 105.2490, -30.6888, 90.1126 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 105.2490, -30.6888, 90.1126 by changing the saturation by 10% instead.


 105.2490,
-30.6888, 90.1126

 105.2490,
-30.6888, 90.1126


255.0000, 0.0000,
0.0000


 75.1610, -27.1944,
89.3128


 157.6460,
-32.8565, 85.3795


 43.3550, -21.3740,
89.1427


 176.3450,
-29.7501, 68.9804


 34.3850, -16.9518,
70.6994


 196.3320,
-26.7857, 51.4518

 25.1160, -12.3822,
51.6413

 215.7320,
-23.5319, 34.4380

 17.2710, -7.5286,
34.8423

 235.9470,
-19.6939, 16.7095

 4.7840, -2.3585,
9.8364

 251.4660,

 0.0000, 0.0000,

-13.5407, 3.0993

0.0000

254.7720, -0.8736,
0.2000

■ 105.2490,
-30.6888, 90.1126

■ 105.2490,
-30.6888, 90.1126

■ 92.2890, -34.6525,
101.4785

■ 118.2090,
-26.7250, 78.7467

■ 79.3290, -38.6162,
112.8445

■ 131.1690,
-22.7613, 67.3808

■ 78.6280, -38.7636,
113.4592

■ 144.0150,
-19.2344, 56.1148

■ 156.9750,
-15.2707, 44.7489

■ 169.9350,
-11.3070, 33.3830

■ 182.8950, -7.3432,
22.0171

■ 195.8550, -3.3795,
10.6512

■ 208.7010, 0.1474,
-0.6148

■ 221.6610, 4.1111,
-11.9807

Harmonies

Analogous

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



98.7140, 1.1270, 105.4908



105.2490, -30.6888, 90.1126



108.9650, -53.7197, 57.0357

Triad

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



105.2490, -30.6888, 90.1126



89.4590, -10.0863, -78.4555



96.0560, 68.4994, -84.2411

Complementary

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



105.2490, -30.6888, 90.1126



145.7510, 30.6888, -90.1126

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.



104.6500, 60.8115, -91.7781



105.2490, -30.6888, 90.1126



98.4020, 16.5638, -86.2986

Square

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



105.2490, -30.6888, 90.1126



94.2280, -46.4544, -33.5260



104.4270, 42.1875, -91.5825



117.7330, 45.4876, 16.8972

Rectangle

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



105.2490, -30.6888, 90.1126



108.7890, -53.6330, 29.1260



104.4270, 42.1875, -91.5825



99.8060, 67.6366, -87.5299

Sweetspot

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



105.2490, -30.6888, 90.1126



216.9350, -11.3070, 33.3830



108.6370, 38.1400, 87.1414



104.4110, -6.6116, 20.6876



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



105.2490, -30.6888, 90.1126



104.1420, -44.9330, 132.3025



153.9700, -54.7082, 47.3843



97.8760, -1.9109, 6.2477



63.1460, -31.1310, 91.9570



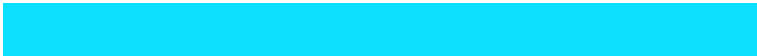
15.1940, -7.4906, 22.6319

Inverse Universe

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



145.7510, 30.6888, -90.1126



163.8580, 44.9330, -132.3025



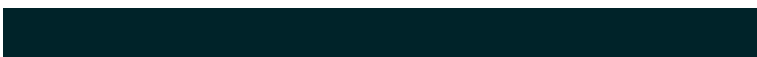
97.6170, 54.4188, -47.8991



100.5370, 2.2003, -5.7329



104.8540, 31.1310, -91.9570



25.2190, 7.7800, -22.1171

Previews

White Background



This preview shows how the YUV color 105.2490, -30.6888, 90.1126 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 105.2490, -30.6888, 90.1126 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 105.2490, -30.6888, 90.1126

Background



This preview shows how black text looks on a background with the YUV color 105.2490, -30.6888, 90.1126.



This preview shows how white text looks on a background with the YUV color 105.2490, -30.6888, 90.1126.

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

105.2490, -30.6888, 90.1126

Protanopia

113.8620, -27.5400, 13.2760

Deuteranopia

111.7580, -39.8137, 30.0302



Tritanopia

106.2950, -20.3584, 90.0723

Trichromacy



Original Color

105.2490, -30.6888, 90.1126

Protanomaly

110.8100, -28.5003, 41.3856

Deuteranomaly

109.6990, -36.8266, 52.0070

Tritanomaly

105.9700, -24.1422, 90.3573

Monochromacy



Original Color

105.2490, -30.6888, 90.1126

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.6360, -11.1595, 32.7682

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.2490, -30.6888, 90.1126 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(208, 65, 43)` looks like.

```
.text, #text, p{  
    color:rgb(208, 65, 43)  
}
```

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(208, 65, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 65, 43) }
```

Border

The CSS property to change the border of an element to YUV 105.2490, -30.6888, 90.1126 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(208, 65, 43) }
```


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

```
.border{ border-color:rgb(208, 65, 43) }
```

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

Here you see how a box with a 4 pixel rgb(208, 65, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 65, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 65, 43);  
box-shadow:4px 4px 4px 4px rgb(208, 65,  
43) }
```

Background

The CSS property to change the background color of an element to YUV 105.2490, -30.6888, 90.1126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 65, 43) }
```

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

```
.background{ background-color: rgb(208, 65,  
43) }
```

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