

Converting Colors

YUV(114.1870, -30.1652,
62.1030)

Have a look what the booklet for
YUV(114.1870, -30.1652, 62.1030)
contains.

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Color

**YUV(114.1870, -30.1652,
62.1030)**

Conversions

Conversions Part 1

Format	Color
Hex	B95A35
RGB	185, 90, 53
RGB Percent	73%, 35%, 21%
CMY	0.2745, 0.6471, 0.7922
CMYK	0.00, 0.51, 0.71, 0.27
HSL	17°, 55%, 47%
HSV	17°, 71%, 73%
XYZ	24.3064, 17.8837, 5.5390
YIQ	114.1870, 68.4970, 8.6330

Conversions

Conversions Part 2

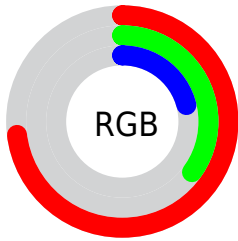
Format	Color
RYB	185, 104, 53
Decimal	12147253
CIELab	49.35, 35.67, 38.57
CIELCh	49, 52.537, 47.243
Yxy	17.8837, 0.5093, 0.3747
Android (android.graphics.Color)	4290337333 (0xFFB95A35)
YUV	114.1870, -30.1652, 62.1030
Hunter-Lab	42.2891, 28.5900, 21.8366

Details

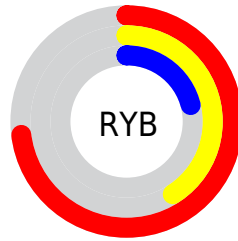
The YUV color **114.1870, -30.1652, 62.1030** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **123.8130, 30.1652, -62.1030**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.4220, -33.2390, 68.0359**, and **61.8380, -27.5281, 56.2701** is the 20% darker color. If you saturate the color by 10%, you get **104.5040, -34.2655, 70.5950**, and if you desaturate by 10%, it is **123.9840, -25.6281, 53.5110**.

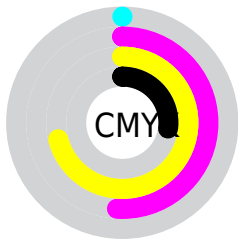
Distribution



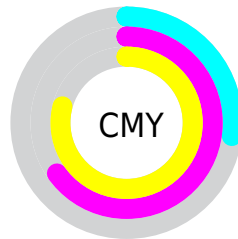
- Red (73%)
- Green (35%)
- Blue (21%)



- Red (73%)
- Yellow (41%)
- Blue (21%)



- Cyan (0%)
- Magenta (51%)
- Yellow (71%)
- Black (27%)



- Cyan (27%)
- Magenta (65%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.1870, -30.1652, 62.1030 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 114.1870, -30.1652, 62.1030 by changing the saturation by 10% instead.

■ 114.1870,
-30.1652, 62.1030

■ 114.1870,
-30.1652, 62.1030

■ 255.0000, 0.0000,
0.0000

■ 87.9200, -28.5546,
58.8292

■ 168.4220,
-33.2390, 68.0359

■ 61.8380, -27.5281,
56.2701

■ 189.9260,
-31.0225, 57.0699

■ 36.6340, -18.0606,
52.9410

■ 209.3260,
-27.7687, 40.0561

■ 20.6310, -10.1711,
42.4196

■ 228.8400,
-24.0781, 22.9423

■ 13.5690, -6.1965,
27.5650

■ 249.0550,
-20.2401, 5.2138

■ 0.0000, 0.0000,
0.0000

■ 252.8340, -8.2992,

1.8996

■ 114.1870,
-30.1652, 62.1030

■ 114.1870,
-30.1652, 62.1030

■ 104.5040,
-34.2655, 70.5950

■ 123.9840,
-25.6281, 53.5110

■ 94.1200, -38.5132,
79.7018

■ 134.2540,
-21.8172, 44.5042

■ 85.8390, -42.3186,
86.9642

■ 144.0510,
-17.2801, 35.9123

■ 153.7340,
-13.1799, 27.4203

■ 164.1180, -8.9322,
18.3135

■ 173.8010, -4.8319,
9.8215

■ 183.5980, -0.2948,
1.2296

■ 193.8680, 3.5161,
-7.7772

■ 203.6650, 8.0532,
-16.3692

Harmonies

Analogous

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



114.5300, -10.1213, 73.2032



114.1870, -30.1652, 62.1030



112.4340, -45.0770, 38.2074

Triad

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



114.1870, -30.1652, 62.1030



91.3630, 2.2860, -80.1254



113.3930, 44.1763, -29.2857

Complementary

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



114.1870, -30.1652, 62.1030



123.8130, 30.1652, -62.1030

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.



98.3920, 52.0647, -86.2898



114.1870, -30.1652, 62.1030



97.1940, 22.0894, -85.2391

Square

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



114.1870, -30.1652, 62.1030



102.0640, -24.1886, -35.1361



100.5800, 40.1401, -88.2087



120.9180, 28.1414, 27.2589

Rectangle

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



114.1870, -30.1652, 62.1030



110.3190, -47.4853, 17.2602



100.5800, 40.1401, -88.2087



102.0080, 51.2681, -64.0280

Sweetspot

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



114.1870, -30.1652, 62.1030



212.4670, -11.5692, 24.1464



103.5260, 22.9117, 71.4527



103.6660, -6.7373, 14.3249



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



114.1870, -30.1652, 62.1030



129.0530, -46.8611, 97.3005



151.7550, -48.6862, 29.1559



86.8650, -1.9054, 4.5034



72.4720, -35.7287, 73.2541



13.0680, -6.4425, 13.0954

Inverse Universe

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



123.8130, 30.1652, -62.1030



144.3600, 47.1505, -96.7857



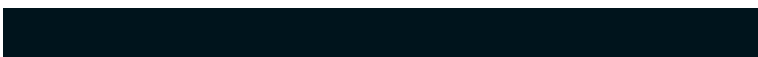
86.2450, 48.6862, -29.1559



87.5480, 2.1948, -3.9886



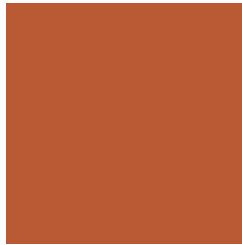
83.5280, 35.7287, -73.2541



14.9320, 6.4425, -13.0954

Previews

White Background



This preview shows how the YUV color 114.1870, -30.1652, 62.1030 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 114.1870, -30.1652, 62.1030 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 114.1870, -30.1652, 62.1030

Background



This preview shows how black text looks on a background with the YUV color 114.1870, -30.1652, 62.1030.



This preview shows how white text looks on a background with the YUV color 114.1870, -30.1652,

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

114.1870, -30.1652, 62.1030

Protanopia

115.2040, -26.2296, 12.9761

Deuteranopia

115.1690, -33.1143, 27.9158



Tritanopia

116.1820, -12.4147, 62.1074

Trichromacy



Original Color

114.1870, -30.1652, 62.1030

Protanomaly

114.9720, -27.5942, 30.7196

Deuteranomaly

114.8870, -31.9893, 40.4411

Tritanomaly

115.4610, -18.9613, 61.8627

Monochromacy



Original Color

114.1870, -30.1652, 62.1030

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.9830, -10.8376, 22.8169

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.1870, -30.1652, 62.1030 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(185, 90, 53)` looks like.

```
.text, #text, p{  
    color:rgb(185, 90, 53)  
}
```

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(185, 90, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 90, 53) }
```

Border

The CSS property to change the border of an element to YUV 114.1870, -30.1652, 62.1030 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(185, 90, 53) }
```


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

```
.border{ border-color:rgb(185, 90, 53) }
```

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

Here you see how a box with a 4 pixel rgb(185, 90, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 90, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 90, 53);  
box-shadow:4px 4px 4px 4px rgb(185, 90,  
53) }
```

Background

The CSS property to change the background color of an element to YUV 114.1870, -30.1652, 62.1030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 90, 53) }
```

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

```
.background{ background-color: rgb(185, 90,  
53) }
```

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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