

Converting Colors

YUV(149.4230, -65.2845,
32.9550)

Have a look what the booklet for
YUV(149.4230, -65.2845, 32.9550)
contains.

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Color

**YUV(149.4230, -65.2845,
32.9550)**

Conversions

Conversions Part 1

Format	Color
Hex	BB9C11
RGB	187, 156, 17
RGB Percent	73%, 61%, 7%
CMY	0.2667, 0.3882, 0.9333
CMYK	0.00, 0.17, 0.91, 0.27
HSL	49°, 83%, 40%
HSV	49°, 91%, 73%
XYZ	32.4832, 34.3822, 5.4547
YIQ	149.4230, 63.0950, -36.6570

Conversions

Conversions Part 2

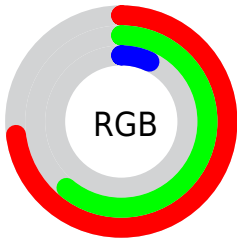
Format	Color
RYB	55, 187, 17
Decimal	12295185
CIELab	65.26, -0.70, 66.38
CIELCh	65, 66.387, 90.606
Yxy	34.3822, 0.4492, 0.4754
Android (android.graphics.Color)	4290485265 (0xFFBB9C11)
YUV	149.4230, -65.2845, 32.9550
Hunter-Lab	58.6363, -3.7288, 35.5299

Details

The YUV color **149.4230, -65.2845, 32.9550** is a dark color, and the websafe version is hex **CC9900**. A complement of this color would be **54.5770, 65.2845, -32.9550**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.3570, -61.8010, 35.6439**, and **100.2060, -49.4016, 25.2523** is the 20% darker color. If you saturate the color by 10%, you get **145.7240, -71.8419, 36.1991**, and if you desaturate by 10%, it is **153.3500, -57.8535, 29.5111**.

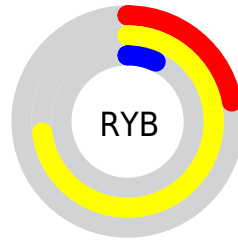
Distribution



Red (73%)

Green (61%)

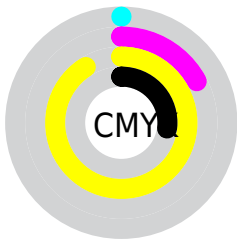
Blue (7%)



Red (22%)

Yellow (73%)

Blue (7%)

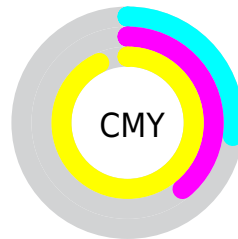


Cyan (0%)

Magenta (17%)

Yellow (91%)

Black (27%)



Cyan (27%)

Magenta (39%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.4230, -65.2845, 32.9550 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 149.4230, -65.2845, 32.9550 by changing the saturation by 10% instead.

■ 149.4230,
-65.2845, 32.9550

■ 149.4230,
-65.2845, 32.9550

■ 255.0000, 0.0000,
0.0000

■ 123.5520,
-60.9111, 30.2109

■ 206.3570,
-61.8010, 35.6439

■ 100.2060,
-49.4016, 25.2523

■ 228.2630,
-59.2897, 23.4483

■ 77.7460, -38.3288,
20.3938

■ 241.4340,
-51.9790, 11.8974

■ 56.7590, -27.9822,
15.1204

■ 244.6260,
-39.7486, 9.0980

■ 36.6580, -18.0724,
9.9469

■ 247.8180,
-27.5183, 6.2986

■ 16.8560, -8.3100,
5.3883

■ 251.1240,

■ 0.0000, 0.0000,

-14.8511, 3.3993

0.0000

254.4300, -2.1840,
0.4999

■ 149.4230,
-65.2845, 32.9550

■ 149.4230,
-65.2845, 32.9550

■ 145.7240,
-71.8419, 36.1991

■ 153.3500,
-57.8535, 29.5111

■ 157.7500,
-51.1487, 25.6522

■ 161.6770,
-43.7178, 22.2083

■ 166.1910,
-36.5762, 18.2495

■ 170.1180,
-29.1452, 14.8055

■ 173.9310,
-22.1510, 11.4615

■ 178.4450,
-15.0094, 7.5027

■ 182.3720, -7.5784,
4.0588

■ 186.7720, -0.8736,
0.2000

Harmonies

Analogous

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



153.6660, -50.1213, 69.5759



149.4230, -65.2845, 32.9550



143.9530, -49.2768, -14.8678

Triad

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



149.4230, -65.2845, 32.9550



133.9200, 40.9584, -117.4478



162.0130, 27.6016, 60.5016

Complementary

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



149.4230, -65.2845, 32.9550



54.5770, 65.2845, -32.9550

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.



159.9650, 46.8523, -0.8463



149.4230, -65.2845, 32.9550



134.1430, 59.5825, -117.6434

Square

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



149.4230, -65.2845, 32.9550



127.1940, 15.1874, -111.5491



125.9250, 63.6340, -110.4362



153.1850, 3.3598, 89.2918

Rectangle

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



149.4230, -65.2845, 32.9550



135.7920, -28.4915, -55.0686



125.9250, 63.6340, -110.4362



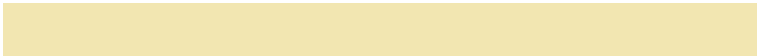
162.9660, 35.5128, 43.0028

Sweetspot

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



149.4230, -65.2845, 32.9550



227.5460, -24.9192, 12.6762



71.3640, -11.5185, 101.4128



113.4450, -15.0094, 7.5027



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



149.4230, -65.2845, 32.9550



188.5840, -92.9719, 46.8458



151.4740, -66.2957, -16.2017



92.3870, -3.6418, 1.4146



122.9650, -60.6217, 30.7257



23.9440, -11.8044, 6.1881

Inverse Universe

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



54.5770, 65.2845, -32.9550



53.4160, 92.9719, -46.8458



52.5260, 66.2957, 16.2017



87.2000, 3.3524, -1.9294



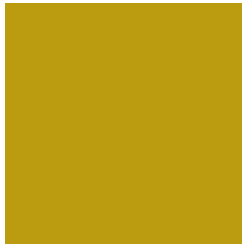
35.0350, 60.6217, -30.7257



7.0560, 11.8044, -6.1881

Previews

White Background



This preview shows how the YUV color 149.4230, -65.2845, 32.9550 looks on a white 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

Black Background



This preview shows how the YUV color 149.4230, -65.2845, 32.9550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

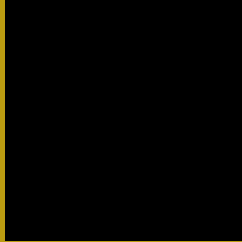
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 149.4230, -65.2845, 32.9550

Background



This preview shows how black text looks on a background with the YUV color 149.4230, -65.2845, 32.9550.



This preview shows how white text looks on a background with the YUV color 149.4230, -65.2845, 32.9550.

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

149.4230, -65.2845, 32.9550

Protanopia

148.9060, -64.5367, 26.3924

Deuteranopia

150.4720, -62.8437, 43.4361



Tritanopia

161.2040, -2.5656, 29.6391

Trichromacy



Original Color

149.4230, -65.2845, 32.9550

Protanomaly

149.2160, -64.6895, 28.7516

Deuteranomaly

149.9230, -63.5590, 39.5325

Tritanomaly

156.8410, -25.5576, 30.8344

Monochromacy



Original Color

149.4230, -65.2845, 32.9550

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

149.4750, -23.8982, 11.8614

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.4230, -65.2845, 32.9550 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(187, 156, 17)` looks like.

```
.text, #text, p{  
    color:rgb(187, 156, 17)  
}
```

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(187, 156, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 156, 17) }
```

Border

The CSS property to change the border of an element to YUV 149.4230, -65.2845, 32.9550 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(187, 156, 17) }
```


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

```
.border{ border-color:rgb(187, 156, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 156, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 156, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 156, 17);  
box-shadow:4px 4px 4px 4px rgb(187, 156,  
17) }
```

Background

The CSS property to change the background color of an element to YUV 149.4230, -65.2845, 32.9550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 156, 17) }
```

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

```
.background{ background-color: rgb(187,  
156, 17) }
```

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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