

Converting Colors

YUV(149.3580, -29.7565,
24.2420)

Have a look what the booklet for
YUV(149.3580, -29.7565, 24.2420)
contains.

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Color

**YUV(149.3580, -29.7565,
24.2420)**

Conversions

Conversions Part 1

Format	Color
Hex	B19359
RGB	177, 147, 89
RGB Percent	69%, 58%, 35%
CMY	0.3059, 0.4235, 0.6510
CMYK	0.00, 0.17, 0.50, 0.31
HSL	40°, 36%, 52%
HSV	40°, 50%, 69%
XYZ	30.3684, 30.9358, 13.8218
YIQ	149.3580, 36.4980, -11.6780

Conversions

Conversions Part 2

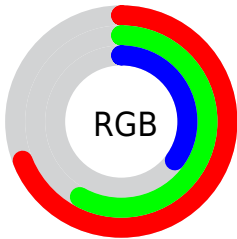
Format	Color
RYB	135, 177, 89
Decimal	11637593
CIELab	62.45, 3.66, 34.75
CIELCh	62, 34.941, 83.989
Yxy	30.9358, 0.4042, 0.4118
Android (android.graphics.Color)	4289827673 (0xFFB19359)
YUV	149.3580, -29.7565, 24.2420
Hunter-Lab	55.6200, 0.1255, 24.2001

Details

The YUV color **149.3580, -29.7565, 24.2420** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **116.6420, 29.7565, -24.2420**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.9130, -31.5091, 26.3863**, and **98.0910, -28.1459, 20.9682** is the 20% darker color. If you saturate the color by 10%, you get **143.7840, -35.8825, 29.1304**, and if you desaturate by 10%, it is **154.9320, -23.6305, 19.3536**.

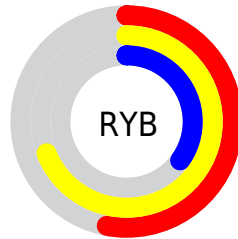
Distribution



Red (69%)

Green (58%)

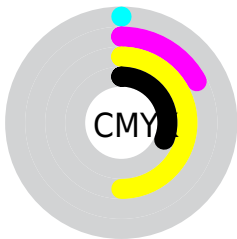
Blue (35%)



Red (53%)

Yellow (69%)

Blue (35%)

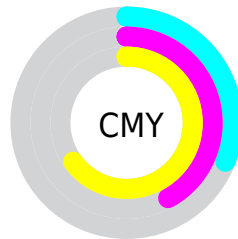


Cyan (0%)

Magenta (17%)

Yellow (50%)

Black (31%)



Cyan (31%)

Magenta (42%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.3580, -29.7565, 24.2420 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 149.3580, -29.7565, 24.2420 by changing the saturation by 10% instead.

■ 149.3580,
-29.7565, 24.2420

■ 149.3580,
-29.7565, 24.2420

■ 255.0000, 0.0000,
0.0000

■ 122.9880,
-28.5881, 22.8125

■ 203.9130,
-31.5091, 26.3863

■ 98.0910, -28.1459,
20.9682

■ 229.7060,
-30.9141, 22.1828

■ 73.6070, -27.4143,
19.6387

■ 248.0460,
-26.6447, 6.0987

■ 51.1660, -25.2248,
17.3944

■ 251.2380,
-14.4143, 3.2993

■ 31.3640, -15.4625,
12.8358

■ 254.5440, -1.7472,
0.3999

■ 9.5020, -4.6845,
9.2067

■ 0.0000, 0.0000,

0.0000

■ 149.3580,
-29.7565, 24.2420

■ 149.3580,
-29.7565, 24.2420

■ 143.7840,
-35.8825, 29.1304

■ 154.9320,
-23.6305, 19.3536

■ 138.3240,
-41.5717, 33.9189

■ 160.3920,
-17.9413, 14.5652

■ 132.7500,
-47.6977, 38.8073

■ 165.9660,
-11.8152, 9.6768

■ 127.1760,
-53.8238, 43.6956

■ 171.5400, -5.6892,
4.7884

■ 121.7160,
-59.5130, 48.4841

■ 177.1140, 0.4368,
-0.1000

■ 121.6020,
-59.9498, 48.5840

■ 182.5740, 6.1260,
-4.8884

■ 188.1480, 12.2520,
-9.7768

■ 193.7220, 18.3781,
-14.6652

■ 199.1820, 24.0673,
-19.4536

Harmonies

Analogous

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



151.2600, -24.2852, 42.7450



149.3580, -29.7565, 24.2420



146.4150, -26.3336, -0.3640

Triad

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



149.3580, -29.7565, 24.2420



123.0620, 25.6054, -93.0164



155.1060, 16.2167, 25.3400

Complementary

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



149.3580, -29.7565, 24.2420



116.6420, 29.7565, -24.2420

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.



152.4810, 27.3709, -5.6838



149.3580, -29.7565, 24.2420



129.8320, 34.5928, -82.2907

Square

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



149.3580, -29.7565, 24.2420



134.6630, 4.1101, -58.4635



144.1450, 33.4525, -43.1002



154.2690, 2.3324, 45.3681

Rectangle

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



149.3580, -29.7565, 24.2420



143.5420, -19.0012, -18.8923



144.1450, 33.4525, -43.1002



155.0770, 20.1750, 15.7185

Sweetspot

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



149.3580, -29.7565, 24.2420



218.9660, -11.8152, 9.6768



118.8460, 0.5689, 51.0011



108.4970, -7.1470, 5.7031



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



149.3580, -29.7565, 24.2420



186.6790, -46.6767, 37.9925



163.0810, -36.5219, 0.8060



86.2130, -3.0630, 2.4442



105.0340, -51.7818, 42.0662



17.7530, -8.7522, 7.2326

Inverse Universe

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



116.6420, 29.7565, -24.2420



135.3210, 46.6767, -37.9925



102.9190, 36.5219, -0.8060



82.7870, 3.0630, -2.4442



47.9660, 51.7818, -42.0662



8.2470, 8.7522, -7.2326

Previews

White Background



This preview shows how the YUV color 149.3580, -29.7565, 24.2420 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 149.3580, -29.7565, 24.2420 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 149.3580, -29.7565, 24.2420

Background



This preview shows how black text looks on a background with the YUV color 149.3580, -29.7565, 24.2420.



This preview shows how white text looks on a background with the YUV color 149.3580, -29.7565, 24.2420.

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

149.3580, -29.7565, 24.2420

Protanopia

148.3460, -28.2716, 14.6056

Deuteranopia

149.8040, -29.4834, 29.9899



Tritanopia

153.9970, -1.9705, 25.4356

Trichromacy



Original Color

149.3580, -29.7565, 24.2420

Protanomaly

148.8410, -29.0086, 17.6794

Deuteranomaly

149.4940, -29.3305, 27.6308

Tritanomaly

152.6520, -12.1534, 24.8612

Monochromacy



Original Color

149.3580, -29.7565, 24.2420

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

148.8950, -10.7942, 8.8621

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.3580, -29.7565, 24.2420 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(177, 147, 89)` looks like.

```
.text, #text, p{  
    color:rgb(177, 147, 89)  
}
```

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(177, 147, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 147, 89) }
```

Border

The CSS property to change the border of an element to YUV 149.3580, -29.7565, 24.2420 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(177, 147, 89) }
```


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

```
.border{ border-color:rgb(177, 147, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 147, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 147, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 147, 89);  
box-shadow:4px 4px 4px 4px rgb(177, 147,  
89) }
```

Background

The CSS property to change the background color of an element to YUV 149.3580, -29.7565, 24.2420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 147, 89) }
```

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

```
.background{ background-color: rgb(177,  
147, 89) }
```

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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