

Converting Colors

YUV(165.1730, -29.1723,
23.5273)

Have a look what the booklet for
YUV(165.1730, -29.1723, 23.5273)
contains.

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Color

**YUV(165.1730, -29.1723,
23.5273)**

Conversions

Conversions Part 1

Format	Color
Hex	C0A36A
RGB	192, 163, 106
RGB Percent	75%, 64%, 42%
CMY	0.2471, 0.3608, 0.5843
CMYK	0.00, 0.15, 0.45, 0.25
HSL	40°, 41%, 58%
HSV	40°, 45%, 75%
XYZ	37.4369, 38.4415, 19.0825
YIQ	165.1730, 35.5810, -11.5790

Conversions

Conversions Part 2

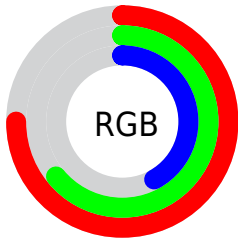
Format	Color
RYB	150, 192, 106
Decimal	12624746
CIELab	68.34, 2.96, 33.50
CIElCh	68, 33.629, 84.952
Yxy	38.4415, 0.3942, 0.4048
Android (android.graphics.Color)	4290814826 (0xFFC0A36A)
YUV	165.1730, -29.1723, 23.5273
Hunter-Lab	62.0012, -0.7220, 25.1528

Details

The YUV color $165.1730, -29.1723, 23.5273$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $132.8270, 29.1723, -23.5273$, and the grayscale version is $165.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $220.7280, -30.9249, 25.6715$, and $113.2050, -27.7091, 20.8682$ is the 20% darker color. If you saturate the color by 10%, you get $159.4850, -35.7351, 28.5157$, and if you desaturate by 10%, it is $170.8610, -22.6095, 18.5389$.

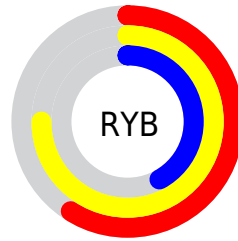
Distribution



Red (75%)

Green (64%)

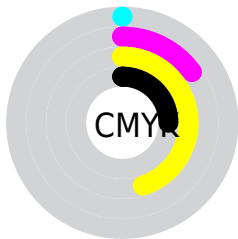
Blue (42%)



Red (59%)

Yellow (75%)

Blue (42%)

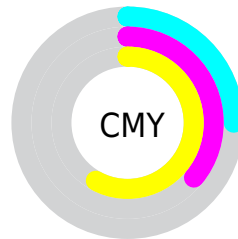


Cyan (0%)

Magenta (15%)

Yellow (45%)

Black (25%)



Cyan (25%)

Magenta (36%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.1730, -29.1723, 23.5273 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 165.1730, -29.1723, 23.5273 by changing the saturation by 10% instead.

■ 165.1730,
-29.1723, 23.5273

■ 165.1730,
-29.1723, 23.5273

255.0000, 0.0000,
0.0000

■ 138.6890,
-28.4407, 22.1977

■ 220.7280,
-30.9249, 25.6715

■ 113.2050,
-27.7091, 20.8682

■ 241.7370,
-27.9713, 11.6317

■ 87.8350, -26.5407,
19.4387

■ 250.2120,
-18.3455, 4.1991

■ 63.8240, -26.5352,
17.6944

■ 253.5180, -5.6784,
1.2997

■ 42.5940, -20.9988,
15.2651

■ 23.3790, -11.5258,
10.1916

■ 0.0000, 0.0000,

0.0000

■ 165.1730,
-29.1723, 23.5273

■ 165.1730,
-29.1723, 23.5273

■ 159.4850,
-35.7351, 28.5157

■ 170.8610,
-22.6095, 18.5389

■ 153.2100,
-42.0085, 34.0188

■ 177.1360,
-16.3360, 13.0357

■ 147.4080,
-49.0081, 39.1072

■ 182.9380, -9.3364,
7.9474

■ 141.1330,
-55.2816, 44.6104

■ 189.2130, -3.0630,
2.4442

■ 135.4450,
-61.8444, 49.5987

■ 194.9010, 3.4998,
-2.5442

■ 131.9570,
-65.0548, 52.6577

■ 201.1760, 9.7732,
-8.0474

■ 206.8640, 16.3360,
-13.0357

■ 212.6830, 20.8623,
-18.1390

■ 216.2050, 19.1259,
-21.2278

Harmonies

Analogous

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



167.5480, -24.4272, 41.6154



165.1730, -29.1723, 23.5273



162.3440, -25.3126, -1.1787

Triad

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



165.1730, -29.1723, 23.5273



146.8360, 21.7729, -77.0322



170.8780, 15.3431, 25.5400

Complementary

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



165.1730, -29.1723, 23.5273



132.8270, 29.1723, -23.5273

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.



168.5520, 26.3499, -4.8691



165.1730, -29.1723, 23.5273



150.9260, 32.0815, -70.0951

Square

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



165.1730, -29.1723, 23.5273



152.2720, 3.8099, -55.4895



160.9390, 32.5681, -39.4115



170.6280, 1.1694, 45.0532

Rectangle

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



165.1730, -29.1723, 23.5273



159.1830, -17.8382, -18.5775



160.9390, 32.5681, -39.4115



170.5610, 19.4434, 17.0480

Sweetspot

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



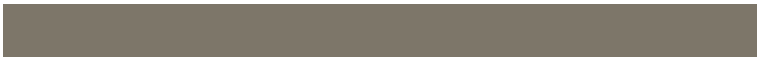
165.1730, -29.1723, 23.5273



239.7810, -11.2310, 8.9621



135.1340, 0.4269, 49.8715



118.6110, -6.7102, 5.6032



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



165.1730, -29.1723, 23.5273



207.6080, -45.6557, 37.1778



178.3090, -35.6483, 0.6060



94.0990, -3.4998, 2.5442



110.3610, -54.4080, 44.4104



22.7810, -11.2310, 8.9621

Inverse Universe

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



132.8270, 29.1723, -23.5273



156.8050, 45.9451, -36.6630



119.6910, 35.6483, -0.6060



89.9010, 3.4998, -2.5442



50.0520, 54.6974, -43.8956



10.2190, 11.2310, -8.9621

Previews

White Background



This preview shows how the YUV color 165.1730, -29.1723, 23.5273 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 165.1730, -29.1723, 23.5273 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 165.1730, -29.1723, 23.5273

Background



This preview shows how black text looks on a background with the YUV color 165.1730, -29.1723, 23.5273.



This preview shows how white text looks on a background with the YUV color 165.1730, -29.1723, 23.5273.

23.5273.

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

165.1730, -29.1723, 23.5273

Protanopia

164.3460, -28.2716, 14.6056

Deuteranopia

165.6300, -28.9046, 31.0195



Tritanopia

169.2250, -1.0969, 25.2357

Trichromacy



Original Color

165.1730, -29.1723, 23.5273

Protanomaly

164.9550, -28.5718, 17.5795

Deuteranomaly

165.3200, -28.7518, 28.6604

Tritanomaly

167.8800, -11.2798, 24.6612

Monochromacy



Original Color

165.1730, -29.1723, 23.5273

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

165.0090, -10.3574, 8.7621

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.1730, -29.1723, 23.5273 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(192, 163, 106)` looks like.

```
.text, #text, p{  
    color:rgb(192, 163, 106)  
}
```

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(192, 163, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 163, 106) }
```

Border

The CSS property to change the border of an element to YUV 165.1730, -29.1723, 23.5273 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(192, 163, 106) }
```


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

```
.border{ border-color:rgb(192, 163, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 163, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 163, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 163, 106);  
box-shadow:4px 4px 4px 4px rgb(192, 163,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 165.1730, -29.1723, 23.5273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 163, 106) }
```

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

```
.background{ background-color: rgb(192,  
163, 106) }
```

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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