

Converting Colors

YUV(196.5740, -64.3730,
20.5446)

Have a look what the booklet for
YUV(196.5740, -64.3730, 20.5446)
contains.

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Color

**YUV(196.5740, -64.3730,
20.5446)**

Conversions

Conversions Part 1

Format	Color
Hex	DCD242
RGB	220, 210, 66
RGB Percent	86%, 82%, 26%
CMY	0.1373, 0.1765, 0.7412
CMYK	0.00, 0.05, 0.70, 0.14
HSL	56°, 69%, 56%
HSV	56°, 70%, 86%
XYZ	53.5452, 61.7022, 14.2418
YIQ	196.5740, 52.1840, -42.6640

Conversions

Conversions Part 2

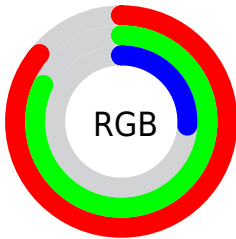
Format	Color
RYB	77, 220, 66
Decimal	14471746
CIELab	82.75, -12.72, 68.74
CIELCh	83, 69.910, 100.481
Yxy	61.7022, 0.4135, 0.4765
Android (android.graphics.Color)	4292661826 (0xFFDCD242)
YUV	196.5740, -64.3730, 20.5446
Hunter-Lab	78.5507, -15.7869, 44.2358

Details

The YUV color **196.5740, -64.3730, 20.5446** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **89.4260, 64.3730, -20.5446**, and the grayscale version is **197.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.8380, -58.0941, 13.2971**, and **139.7110, -68.8775, 18.6705** is the 20% darker color. If you saturate the color by 10%, you get **193.4790, -73.6931, 23.2589**, and if you desaturate by 10%, it is **199.6690, -55.0528, 17.8303**.

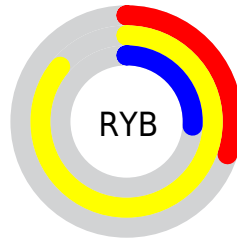
Distribution



Red (86%)

Green (82%)

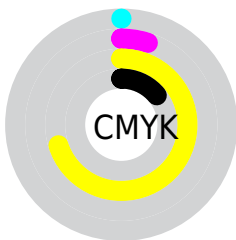
Blue (26%)



Red (30%)

Yellow (86%)

Blue (26%)

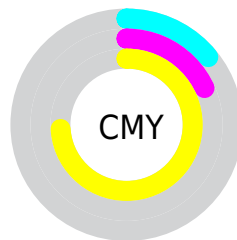


Cyan (0%)

Magenta (5%)

Yellow (70%)

Black (14%)



Cyan (14%)

Magenta (18%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.5740, -64.3730, 20.5446 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 196.5740, -64.3730, 20.5446 by changing the saturation by 10% instead.

■ 196.5740,
-64.3730, 20.5446

■ 196.5740,
-64.3730, 20.5446

■ 255.0000, 0.0000,
0.0000

■ 168.1070,
-66.1148, 19.2002

■ 239.8380,
-58.0941, 13.2971

■ 139.7110,
-68.8775, 18.6705

■ 243.0300,
-45.8638, 10.4977

■ 116.0770,
-57.2260, 14.8415

■ 246.3360,
-33.1966, 7.5983

■ 93.0300, -45.8638,
10.4977

■ 249.5280,
-20.9663, 4.7989

■ 70.8690, -34.9384,
6.2539

■ 252.9480, -7.8624,
1.7996

■ 49.2950, -24.3024,
1.4953

■ 29.4930, -14.5400,

-3.0634

■ 9.9790, -4.9196,
-8.7516

■ 0.0000, 0.0000,
0.0000

■ 196.5740,
-64.3730, 20.5446

■ 196.5740,
-64.3730, 20.5446

■ 193.4790,
-73.6931, 23.2589

■ 199.6690,
-55.0528, 17.8303

■ 189.7970,
-82.7239, 26.4880

■ 203.3510,
-46.0220, 14.6012

■ 186.7020,
-92.0441, 29.2023

■ 206.4460,
-36.7019, 11.8869

■ 210.1280,
-27.6711, 8.6577

■ 213.2230,
-18.3509, 5.9434

■ 216.9050, -9.3202,
2.7143

■ 220.0000, 0.0000,
0.0000

■ 223.0950, 9.3202,
-2.7143

■ 225.7510, 14.4198,
-5.0436

Harmonies

Analogous

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



194.9060, -57.6347, 52.7024



196.5740, -64.3730, 20.5446



188.3140, -43.5388, -35.3554

Triad

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



196.5740, -64.3730, 20.5446



167.0150, 43.3766, -146.4722



195.2570, 27.4813, 52.3946

Complementary

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



196.5740, -64.3730, 20.5446



89.4260, 64.3730, -20.5446

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.



205.9030, 24.2048, 29.9031



196.5740, -64.3730, 20.5446



161.1450, 46.2705, -141.3242

Square

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



196.5740, -64.3730, 20.5446



165.6980, 30.7149, -145.3171



186.4810, 33.7799, -54.7958



183.0370, 0.9678, 63.1116

Rectangle

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



196.5740, -64.3730, 20.5446



176.1240, -18.7951, -85.1777



186.4810, 33.7799, -54.7958



199.8220, 27.2028, 48.3911

Sweetspot

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



196.5740, -64.3730, 20.5446



247.0830, -22.7189, 6.9432



113.1860, -18.3327, 93.6759



122.5910, -13.1094, 4.7437



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.



196.5740, -64.3730, 20.5446



222.3860, -89.4233, 28.6025



182.4110, -57.3906, -25.7934



108.1590, -4.5154, 1.6146



146.8210, -72.3828, 22.9590



38.9950, -19.2245, 6.1434

Inverse Universe

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



89.4260, 64.3730, -20.5446



73.6140, 89.4233, -28.6025



103.5890, 57.3906, 25.7934



100.2540, 4.8048, -1.0998



26.1790, 72.3828, -22.9590



7.0050, 19.2245, -6.1434

Previews

White Background



This preview shows how the YUV color 196.5740, -64.3730, 20.5446 looks on a white background.

Color Contrast Check

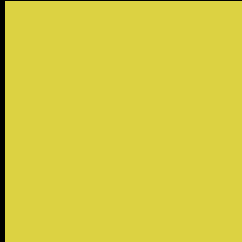
Large Text (above 18pt) WCAG AA × Fail

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 196.5740, -64.3730, 20.5446 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 196.5740, -64.3730, 20.5446

Background



This preview shows how black text looks on a background with the YUV color 196.5740, -64.3730, 20.5446.

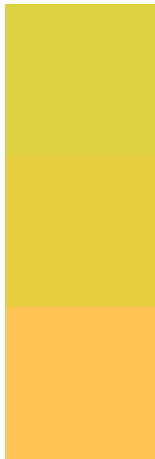


This preview shows how white text looks on a background with the YUV color 196.5740, -64.3730,

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

196.5740, -64.3730, 20.5446

Protanopia

197.4010, -65.2737, 29.4663

Deuteranopia

200.9870, -57.1816, 47.3694



Tritanopia

208.5880, 1.6821, 20.5323

Trichromacy



Original Color

196.5740, -64.3730, 20.5446

Protanomaly

196.7920, -64.9735, 26.4924

Deuteranomaly

199.2370, -59.7698, 37.5032

Tritanomaly

204.2850, -22.3255, 20.7981

Monochromacy



Original Color

196.5740, -64.3730, 20.5446

Achromatopsia

197.0000, 0.0000, 0.0000

Achromatomaly

196.8550, -23.5925, 7.1432

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.5740, -64.3730, 20.5446 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(220, 210, 66)` looks like.

```
.text, #text, p{  
    color:rgb(220, 210, 66)  
}
```

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(220, 210, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 210, 66) }
```

Border

The CSS property to change the border of an element to YUV 196.5740, -64.3730, 20.5446 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(220, 210, 66) }
```


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

```
.border{ border-color:rgb(220, 210, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 210, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 210, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 210, 66);  
box-shadow:4px 4px 4px 4px rgb(220, 210,  
66) }
```

Background

The CSS property to change the background color of an element to YUV 196.5740, -64.3730, 20.5446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 210, 66) }
```

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

```
.background{ background-color: rgb(220,  
210, 66) }
```

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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