

Converting Colors

YUV(204.9620, -72.9453,
16.6963)

Have a look what the booklet for
YUV(204.9620, -72.9453, 16.6963)
contains.

YUV(204.9620, -72.9453, 16.6963)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(204.9620, -72.9453,
16.6963)**

Conversions

Conversions Part 1

Format	Color
Hex	E0E039
RGB	224, 224, 57
RGB Percent	88%, 88%, 22%
CMY	0.1216, 0.1216, 0.7765
CMYK	0.00, 0.00, 0.75, 0.12
HSL	60°, 73%, 55%
HSV	60°, 75%, 88%
XYZ	58.1346, 69.4540, 14.2128
YIQ	204.9620, 53.6070, -51.9370

Conversions

Conversions Part 2

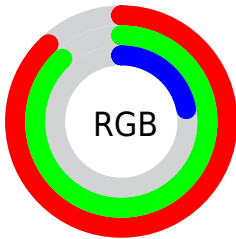
Format	Color
RYB	57, 224, 57
Decimal	14737465
CIELab	86.73, -18.37, 75.66
CIELCh	87, 77.861, 103.645
Yxy	69.4540, 0.4100, 0.4898
Android (android.graphics.Color)	4292927545 (0xFFE0E039)
YUV	204.9620, -72.9453, 16.6963
Hunter-Lab	83.3391, -21.3275, 48.2259

Details

The YUV color **204.9620, -72.9453, 16.6963** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **76.0380, 72.9453, -16.6963**, and the grayscale version is **206.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.1540, -60.7149, 13.8969**, and **148.5380, -73.2292, 14.4372** is the 20% darker color. If you saturate the color by 10%, you get **202.4540, -82.5548, 18.8958**, and if you desaturate by 10%, it is **207.4700, -63.3357, 14.4968**.

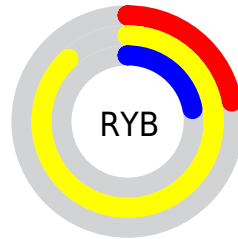
Distribution



Red (88%)

Green (88%)

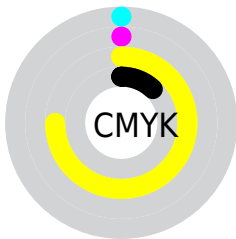
Blue (22%)



Red (22%)

Yellow (88%)

Blue (22%)

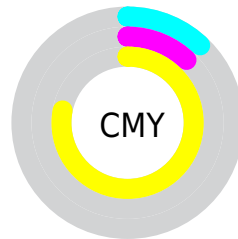


Cyan (0%)

Magenta (0%)

Yellow (75%)

Black (12%)



Cyan (12%)

Magenta (12%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.9620, -72.9453, 16.6963 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 204.9620, -72.9453, 16.6963 by changing the saturation by 10% instead.

204.9620,
-72.9453, 16.6963

204.9620,
-72.9453, 16.6963

255.0000, 0.0000,
0.0000

174.8820,
-78.3288, 16.7665

239.1540,
-60.7149, 13.8969

148.5380,
-73.2292, 14.4372

242.4600,
-48.0478, 10.9976

124.6050,
-61.4303, 9.9934

245.7660,
-35.3806, 8.0982

100.9710,
-49.7787, 6.1644

249.0720,
-22.7135, 5.1989

78.5110, -38.7059,
1.3059

252.3780,
-10.0464, 2.2995

56.3500, -27.7806,
-2.9380

35.6620, -17.5814,

-7.5966

■ 16.4360, -8.1029,
-14.4144

■ 0.0000, 0.0000,
0.0000

■ 204.9620,
-72.9453, 16.6963

■ 204.9620,
-72.9453, 16.6963

■ 202.4540,
-82.5548, 18.8958

■ 207.4700,
-63.3357, 14.4968

■ 199.8320,
-92.6012, 21.1953

■ 210.0920,
-53.2894, 12.1973

■ 198.4640,
-97.8428, 22.3951

■ 212.6000,
-43.6798, 9.9978

■ 215.2220,
-33.6334, 7.6983

■ 217.7300,
-24.0239, 5.4988

■ 220.2380,
-14.4143, 3.2993

■ 222.8600, -4.3680,
0.9998

■ 225.3680, 5.2416,
-1.1997

■ 227.5340, 13.5407,
-3.0993

Harmonies

Analogous

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



200.6960, -65.9121, 47.6246



204.9620, -72.9453, 16.6963



195.0690, -45.3900, -48.2955

Triad

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



204.9620, -72.9453, 16.6963



175.2330, 39.3251, -153.6793



196.3000, 28.9391, 51.4799

Complementary

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



204.9620, -72.9453, 16.6963



76.0380, 72.9453, -16.6963

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.



212.7360, 20.8362, 37.0655



204.9620, -72.9453, 16.6963



168.1890, 42.7978, -147.5018

Square

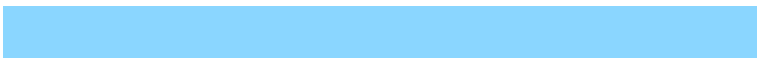
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



204.9620, -72.9453, 16.6963



177.0110, 35.9836, -155.2386



195.9500, 29.1117, -50.8221



184.9120, 0.5364, 61.4672

Rectangle

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



204.9620, -72.9453, 16.6963



172.0160, -11.8399, -122.7940



195.9500, 29.1117, -50.8221



200.9960, 26.6240, 47.3615

Sweetspot

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



204.9620, -72.9453, 16.6963



248.6160, -24.4607, 5.5988



106.9330, -24.6170, 102.6678



124.1240, -14.8511, 3.3993



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.



204.9620, -72.9453, 16.6963



229.1220, -99.1531, 22.6950



179.8460, -60.5631, -34.9449



110.7460, -4.8048, 1.0998



155.9360, -76.8764, 17.5961



42.5280, -20.9663, 4.7989

Inverse Universe

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



76.0380, 72.9453, -16.6963



53.8780, 99.1531, -22.6950



100.8550, 60.7105, 34.3302



102.2540, 4.8048, -1.0998



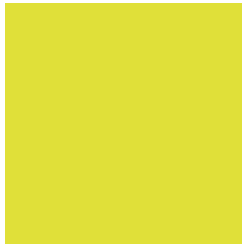
20.0640, 76.8764, -17.5961



5.4720, 20.9663, -4.7989

Previews

White Background



This preview shows how the YUV color 204.9620, -72.9453, 16.6963 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 204.9620, -72.9453, 16.6963 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 204.9620, -72.9453, 16.6963

Background



This preview shows how black text looks on a background with the YUV color 204.9620, -72.9453, 16.6963.



This preview shows how white text looks on a background with the YUV color 204.9620, -72.9453, 16.6963.

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

204.9620, -72.9453, 16.6963

Protanopia

206.6050, -74.7413, 32.7954

Deuteranopia

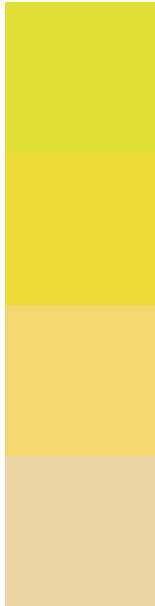
215.4750, -37.2092, 34.6634



Tritanopia

219.4950, 2.7140, 16.2289

Trichromacy



Original Color

204.9620, -72.9453, 16.6963

Protanomaly

206.3870, -74.1408, 26.8476

Deuteranomaly

211.7010, -50.1386, 28.3262

Tritanomaly

213.9810, -24.6406, 16.6797

Monochromacy



Original Color

204.9620, -72.9453, 16.6963

Achromatopsia

205.0000, 0.0000, 0.0000

Achromatomaly

205.0460, -26.6447, 6.0987

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.9620, -72.9453, 16.6963 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(224, 224, 57)` looks like.

```
.text, #text, p{  
    color:rgb(224, 224, 57)  
}
```

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(224, 224, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 224, 57) }
```

Border

The CSS property to change the border of an element to YUV 204.9620, -72.9453, 16.6963 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(224, 224, 57) }
```


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

```
.border{ border-color:rgb(224, 224, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 224, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 224, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 224, 57);  
box-shadow:4px 4px 4px 4px rgb(224, 224,  
57) }
```

Background

The CSS property to change the background color of an element to YUV 204.9620, -72.9453, 16.6963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 224, 57) }
```

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

```
.background{ background-color: rgb(224,  
224, 57) }
```

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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