

Converting Colors

YUV(192.1420, -85.8520,
49.8645)

Have a look what the booklet for
YUV(192.1420, -85.8520, 49.8645)
contains.

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Color

**YUV(192.1420, -85.8520,
49.8645)**

Conversions

Conversions Part 1

Format	Color
Hex	F9C512
RGB	249, 197, 18
RGB Percent	98%, 77%, 7%
CMY	0.0235, 0.2275, 0.9294
CMYK	0.00, 0.21, 0.93, 0.02
HSL	46°, 95%, 52%
HSV	46°, 93%, 98%
XYZ	59.1424, 60.1159, 9.0587
YIQ	192.1420, 88.4510, -44.6450

Conversions

Conversions Part 2

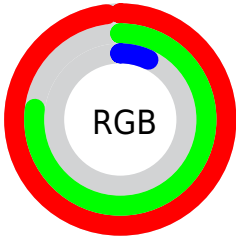
Format	Color
R_{YB}	85, 249, 18
Decimal	16368914
CIE _{Lab}	81.90, 4.88, 81.48
CIE _{LCh}	82, 81.631, 86.575
Yxy	60.1159, 0.4609, 0.4685
Android (android.graphics.Color)	4294558994 (0xFFFF9C512)
YUV	192.1420, -85.8520, 49.8645
Hunter-Lab	77.5345, 0.4724, 47.3470

Details

The YUV color **192.1420, -85.8520, 49.8645** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light washed yellow. A complement of this color would be **74.8580, 85.8520, -49.8645**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.0160, -71.4929, 17.5260**, and **140.4410, -69.2374, 40.8322** is the 20% darker color. If you saturate the color by 10%, you get **187.7420, -92.5568, 53.7233**, and if you desaturate by 10%, it is **198.5140, -76.6684, 44.2762**.

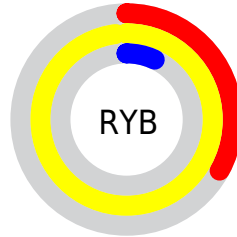
Distribution



Red (98%)

Green (77%)

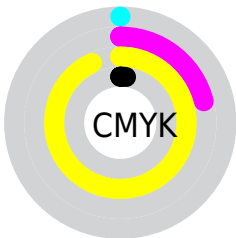
Blue (7%)



Red (33%)

Yellow (98%)

Blue (7%)

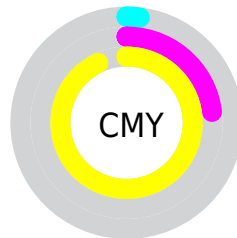


Cyan (0%)

Magenta (21%)

Yellow (93%)

Black (2%)



Cyan (2%)

Magenta (23%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 192.1420, -85.8520, 49.8645 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 192.1420, -85.8520, 49.8645 by changing the saturation by 10% instead.

192.1420,
-85.8520, 49.8645

192.1420,
-85.8520, 49.8645

255.0000, 0.0000,
0.0000

164.9720,
-81.3312, 46.5056

235.0160,
-71.4929, 17.5260

140.4410,
-69.2374, 40.8322

239.4960,
-59.4045, 13.5970

116.2090,
-57.2910, 35.7737

242.8020,
-46.7374, 10.6976

93.4500, -46.0708,
30.3004

246.1080,
-34.0702, 7.7983

71.2780, -35.1401,
24.3122

249.4140,
-21.4031, 4.8989

49.9920, -24.6461,
18.4240

252.8340, -8.2992,

30.1900, -14.8837,

1.8996

13.8654

■ 7.7410, -3.8163,
10.7511

■ 0.0000, 0.0000,
0.0000

■ 192.1420,
-85.8520, 49.8645

■ 192.1420,
-85.8520, 49.8645

■ 187.7420,
-92.5568, 53.7233

■ 198.5140,
-76.6684, 44.2762

■ 204.2990,
-67.1954, 39.2028

■ 210.6710,
-58.0118, 33.6145

■ 216.4560,
-48.5388, 28.5411

■ 222.8280,
-39.3552, 22.9528

■ 229.0860,
-30.6084, 17.4646

■ 234.8710,
-21.1354, 12.3911

■ 241.2430,
-11.9518, 6.8029

■ 247.0280, -2.4788,
1.7294

Harmonies

Analogous

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



182.0090, -53.7414, 64.0131



192.1420, -85.8520, 49.8645



186.2360, -68.6433, -9.8540

Triad

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



192.1420, -85.8520, 49.8645



169.3630, 42.2190, -148.5314



194.5390, 29.8073, 53.0243

Complementary

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



192.1420, -85.8520, 49.8645



74.8580, 85.8520, -49.8645

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.



194.4530, 29.8497, -7.4133



192.1420, -85.8520, 49.8645



165.2540, 44.2448, -144.9278

Square

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



192.1420, -85.8520, 49.8645



162.1810, 14.7008, -142.2327



155.2750, 49.1644, -136.1762



176.0050, 19.7175, 69.2786

Rectangle

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



192.1420, -85.8520, 49.8645



177.5730, -43.1735, -59.2615



155.2750, 49.1644, -136.1762



201.5830, 26.3346, 46.8467

Sweetspot

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



192.1420, -85.8520, 49.8645



237.5140, -26.3824, 15.3352



93.2250, -10.4639, 136.6147



117.1140, -16.3252, 9.5470



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.



192.1420, -85.8520, 49.8645



192.4710, -94.8882, 54.8379



204.1280, -91.7611, -15.0213



121.7570, -4.8102, 2.8441



142.2130, -70.1110, 41.0322



45.8280, -22.5932, 13.3058

Inverse Universe

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



74.8580, 85.8520, -49.8645



62.5290, 94.8882, -54.8379



62.8720, 91.7611, 15.0213



115.2430, 4.8102, -2.8441



46.2000, 70.4004, -40.5174



15.1720, 22.5932, -13.3058

Previews

White Background



This preview shows how the YUV color 192.1420, -85.8520, 49.8645 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 192.1420, -85.8520, 49.8645 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 192.1420, -85.8520, 49.8645 Background



This preview shows how black text looks on a background with the YUV color 192.1420, -85.8520, 49.8645.



This preview shows how white text looks on a background with the YUV color 192.1420, -85.8520,

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

192.1420, -85.8520, 49.8645

Protanopia

190.9120, -83.7666, 34.2802

Deuteranopia

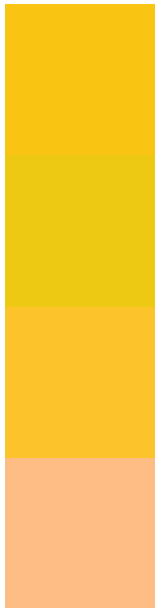
196.7350, -68.3964, 51.0984



Tritanopia

207.4120, -4.6401, 41.7347

Trichromacy



Original Color

192.1420, -85.8520, 49.8645

Protanomaly

191.1300, -84.3671, 40.2280

Deuteranomaly

195.0140, -74.9429, 50.8537

Tritanomaly

201.7520, -33.8947, 44.9445

Monochromacy



Original Color

192.1420, -85.8520, 49.8645

Achromatopsia

192.0000, 0.0000, 0.0000

Achromatomaly

192.2710, -31.1926, 18.1793

CSS Examples

Text

The CSS property to change the color of the text to YUV 192.1420, -85.8520, 49.8645 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(249, 197, 18)` looks like.

```
.text, #text, p{  
    color:rgb(249, 197, 18)  
}
```

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(249, 197, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 197, 18) }
```

Border

The CSS property to change the border of an element to YUV 192.1420, -85.8520, 49.8645 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(249, 197, 18) }
```


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

```
.border{ border-color:rgb(249, 197, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 197, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 197, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 197, 18);  
box-shadow:4px 4px 4px 4px rgb(249, 197,  
18) }
```

Background

The CSS property to change the background color of an element to YUV 192.1420, -85.8520, 49.8645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 197, 18) }
```

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

```
.background{ background-color: rgb(249,  
197, 18) }
```

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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