

Converting Colors

YUV(210.7940, -51.1704,
32.6297)

Have a look what the booklet for
YUV(210.7940, -51.1704, 32.6297)
contains.

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Color

**YUV(210.7940, -51.1704,
32.6297)**

Conversions

Conversions Part 1

Format	Color
Hex	F8D46B
RGB	248, 212, 107
RGB Percent	97%, 83%, 42%
CMY	0.0275, 0.1686, 0.5804
CMYK	0.00, 0.15, 0.57, 0.03
HSL	45°, 91%, 70%
HSV	45°, 57%, 97%
XYZ	64.9087, 68.1050, 23.6344
YIQ	210.7940, 55.1610, -25.0230

Conversions

Conversions Part 2

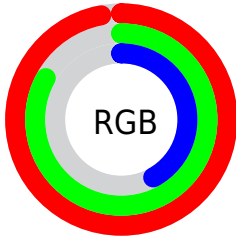
Format	Color
RYB	155, 248, 107
Decimal	16307307
CIELab	86.06, 0.40, 55.77
CIElCh	86, 55.769, 89.588
Yxy	68.1050, 0.4144, 0.4348
Android (android.graphics.Color)	4294497387 (0xFFFF8D46B)
YUV	210.7940, -51.1704, 32.6297
Hunter-Lab	82.5257, -4.0249, 40.7880

Details

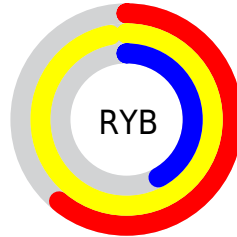
The YUV color $210.7940, -51.1704, 32.6297$ is a light color, and the websafe version is hex FFCC66 . A complement of this color would be $144.2060, 51.1704, -32.6297$, and the grayscale version is $211.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $244.2840, -41.0590, 9.3979$, and $155.4130, -49.9966, 29.4558$ is the 20% darker color. If you saturate the color by 10%, you get $204.4220, -60.3540, 38.2179$, and if you desaturate by 10%, it is $217.1660, -41.9868, 27.0414$.

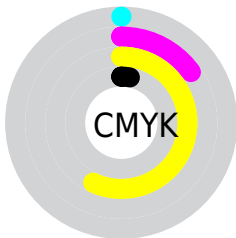
Distribution



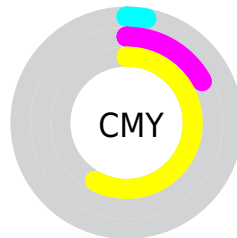
- Red (97%)
- Green (83%)
- Blue (42%)



- Red (61%)
- Yellow (97%)
- Blue (42%)



- Cyan (0%)
- Magenta (15%)
- Yellow (57%)
- Black (3%)



- Cyan (3%)
- Magenta (17%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 210.7940, -51.1704, 32.6297 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 210.7940, -51.1704, 32.6297 by changing the saturation by 10% instead.

210.7940,
-51.1704, 32.6297

210.7940,
-51.1704, 32.6297

255.0000, 0.0000,
0.0000

182.4240,
-50.0020, 31.2002

244.2840,
-41.0590, 9.3979

155.4130,
-49.9966, 29.4558

247.4760,
-28.8287, 6.5985

128.1740,
-50.8648, 27.9114

250.6680,
-16.5983, 3.7992

102.2770,
-50.4226, 26.0671

253.9740, -3.9312,
0.8998

79.8170, -39.3498,
21.2085

58.2430, -28.7138,
16.4499

38.1420, -18.8040,

11.2765

■ 19.2260, -9.4784,
6.8178

■ 0.0000, 0.0000,
0.0000

■ 210.7940,
-51.1704, 32.6297

■ 210.7940,
-51.1704, 32.6297

■ 204.4220,
-60.3540, 38.2179

■ 217.1660,
-41.9868, 27.0414

■ 197.4630,
-69.2483, 44.3209

■ 224.1250,
-33.0926, 20.9384

■ 191.2050,
-77.9951, 49.8092

■ 230.3830,
-24.3458, 15.4501

■ 184.8330,
-87.1787, 55.3975

■ 236.7550,
-15.1622, 9.8619

■ 182.7470,
-90.0943, 57.2269

■ 243.7140, -6.2680,
3.7588

■ 249.9720, 2.4788,
-1.7294

■ 252.9070, 1.0318,
-4.3034

Harmonies

Analogous

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



203.7860, -38.8415, 44.9147



210.7940, -51.1704, 32.6297



205.5220, -42.1623, -10.1048

Triad

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



210.7940, -51.1704, 32.6297



170.5370, 41.6403, -149.5609



212.1490, 21.1255, 37.5803

Complementary

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



210.7940, -51.1704, 32.6297



144.2060, 51.1704, -32.6297

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.



212.8260, 20.7918, 4.5376



210.7940, -51.1704, 32.6297



167.0150, 43.3766, -146.4722

Square

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



210.7940, -51.1704, 32.6297



166.3360, 23.0054, -145.8767



195.8730, 29.1496, -63.0326



202.0610, 7.8579, 46.4275

Rectangle

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



210.7940, -51.1704, 32.6297



199.8090, -27.5138, -41.9285



195.8730, 29.1496, -63.0326



215.6710, 19.3892, 34.4915

Sweetspot

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



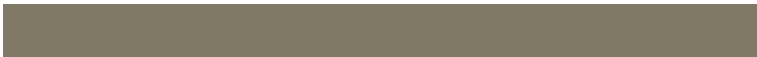
210.7940, -51.1704, 32.6297



243.6410, -15.5990, 9.9618



153.4910, -4.1861, 82.8844



120.9270, -9.3310, 6.2030



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.



210.7940, -51.1704, 32.6297



209.4500, -62.8328, 39.9474



222.0590, -56.7241, -6.1907



121.7570, -4.8102, 2.8441



139.2780, -68.6641, 43.6062



45.2410, -22.3038, 13.8206

Inverse Universe

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



144.2060, 51.1704, -32.6297



127.5500, 62.8329, -39.9473



132.9410, 56.7241, 6.1907



115.8300, 4.5208, -3.3589



49.7220, 68.6641, -43.6062



16.3460, 22.0144, -14.3354

Previews

White Background



This preview shows how the YUV color 210.7940, -51.1704, 32.6297 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 210.7940, -51.1704, 32.6297 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 210.7940, -51.1704, 32.6297 Background



This preview shows how black text looks on a background with the YUV color 210.7940, -51.1704, 32.6297.



This preview shows how white text looks on a background with the YUV color 210.7940, -51.1704, 32.6297.

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

210.7940, -51.1704, 32.6297

Protanopia

210.2660, -50.4171, 24.3227

Deuteranopia

213.8280, -35.9042, 36.1078



Tritanopia

218.7420, -1.8448, 31.7983

Trichromacy



Original Color

210.7940, -51.1704, 32.6297

Protanomaly

210.8750, -50.7174, 27.2966

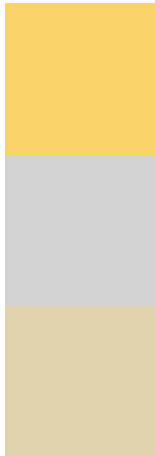
Deuteranomaly

212.7370, -41.2823, 34.4337

Tritanomaly

215.7470, -19.5953, 31.7939

Monochromacy



Original Color

210.7940, -51.1704, 32.6297

Achromatopsia

211.0000, 0.0000, 0.0000

Achromatomaly

210.5550, -18.5146, 11.7913

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.7940, -51.1704, 32.6297 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(248, 212, 107)` looks like.

```
.text, #text, p{  
    color:rgb(248, 212, 107)  
}
```

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(248, 212, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 212, 107) }
```

Border

The CSS property to change the border of an element to YUV 210.7940, -51.1704, 32.6297 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(248, 212, 107) }
```


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

```
.border{ border-color:rgb(248, 212, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 212, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 212, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 212, 107);  
box-shadow:4px 4px 4px 4px rgb(248, 212,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 210.7940, -51.1704, 32.6297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 212, 107) }
```

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

```
.background{ background-color: rgb(248,  
212, 107) }
```

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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