

Converting Colors

YUV(220.6960, -52.6011,
24.8226)

Have a look what the booklet for
YUV(220.6960, -52.6011, 24.8226)
contains.

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Color

**YUV(220.6960, -52.6011,
24.8226)**

Conversions

Conversions Part 1

Format	Color
Hex	F9E372
RGB	249, 227, 114
RGB Percent	98%, 89%, 45%
CMY	0.0235, 0.1098, 0.5529
CMYK	0.00, 0.09, 0.54, 0.02
HSL	50°, 92%, 71%
HSV	50°, 54%, 98%
XYZ	69.5733, 76.2928, 26.9787
YIQ	220.6960, 49.3850, -30.4790

Conversions

Conversions Part 2

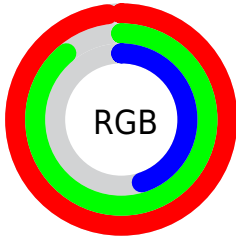
Format	Color
R _Y B	140, 249, 114
Decimal	16376690
CIE Lab	90.00, -6.26, 57.13
CIE LCh	90, 57.475, 96.254
Yxy	76.2928, 0.4025, 0.4414
Android (android.graphics.Color)	4294566770 (0xFFFF9E372)
YUV	220.6960, -52.6011, 24.8226
Hunter-Lab	87.3458, -10.6750, 42.8290

Details

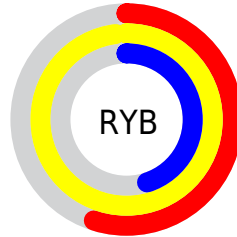
The YUV color **220.6960, -52.6011, 24.8226** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **142.3040, 52.6011, -24.8226**, and the grayscale version is **221.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.1960, -37.5646, 8.5981**, and **164.7280, -51.1379, 22.1635** is the 20% darker color. If you saturate the color by 10%, you get **215.4980, -62.3635, 29.3813**, and if you desaturate by 10%, it is **225.8940, -42.8387, 20.2640**.

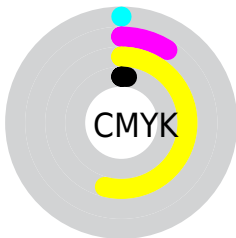
Distribution



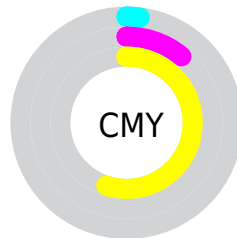
- Red (98%)
- Green (89%)
- Blue (45%)



- Red (55%)
- Yellow (98%)
- Blue (45%)



- Cyan (0%)
- Magenta (9%)
- Yellow (54%)
- Black (2%)



- Cyan (2%)
- Magenta (11%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 220.6960, -52.6011, 24.8226 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 220.6960, -52.6011, 24.8226 by changing the saturation by 10% instead.

220.6960,
-52.6011, 24.8226

220.6960,
-52.6011, 24.8226

255.0000, 0.0000,
0.0000

192.2120,
-51.8695, 23.4931

245.1960,
-37.5646, 8.5981

164.7280,
-51.1379, 22.1635

248.3880,
-25.3343, 5.7987

137.4890,
-52.0061, 20.6191

251.5800,
-13.1039, 2.9993

110.2070,
-54.3321, 19.9895

87.4590, -43.1173,
16.2605

65.8850, -32.4813,
11.5019

45.1970, -22.2821,

6.8432

■ 25.3950, -12.5197,
2.2846

■ 0.0000, 0.0000,
0.0000

■ 220.6960,
-52.6011, 24.8226

■ 220.6960,
-52.6011, 24.8226

■ 215.4980,
-62.3635, 29.3813

■ 225.8940,
-42.8387, 20.2640

■ 210.3000,
-72.1259, 33.9399

■ 231.0920,
-33.0764, 15.7053

■ 205.1020,
-81.8883, 38.4985

■ 236.2900,
-23.3140, 11.1467

■ 199.9040,
-91.6507, 43.0572

■ 241.4880,
-13.5516, 6.5880

■ 196.5470,
-96.8977, 46.0013

■ 246.6860, -3.7892,
2.0294

■ 250.8580, 2.0420,
-1.6295

■ 253.2060, 0.8844,
-3.6887

Harmonies

Analogous

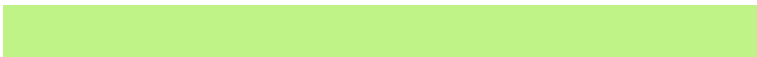
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



212.7050, -42.7456, 37.0927



220.6960, -52.6011, 24.8226



214.5530, -39.2196, -20.6560

Triad

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



220.6960, -52.6011, 24.8226



177.5810, 38.1676, -155.7385



216.2580, 19.0998, 33.9767

Complementary

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



220.6960, -52.6011, 24.8226



142.3040, 52.6011, -24.8226

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.



224.7200, 14.9280, 18.6626



220.6960, -52.6011, 24.8226



172.2980, 40.7721, -151.1053

Square

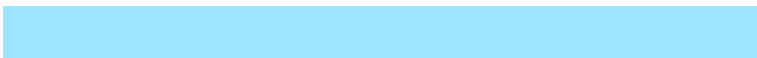
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



220.6960, -52.6011, 24.8226



176.7030, 29.7264, -154.9685



209.8490, 22.2594, -46.3486



207.2300, 4.8166, 41.8943

Rectangle

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



220.6960, -52.6011, 24.8226



208.1000, -22.2343, -55.3387



209.8490, 22.2594, -46.3486



219.1930, 17.6529, 31.4027

Sweetspot

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



220.6960, -52.6011, 24.8226



246.2170, -15.8830, 7.7027



156.9870, -9.8536, 80.6954



122.8020, -9.7624, 4.5586



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.



220.6960, -52.6011, 24.8226



220.2270, -64.6949, 30.4959



220.1550, -52.3344, -14.1679



122.3440, -5.0996, 2.3293



149.2570, -73.5837, 34.8546



48.1760, -23.7508, 11.2466

Inverse Universe

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



142.3040, 52.6011, -24.8226



123.7730, 64.6949, -30.4959



142.8450, 52.3344, 14.1679



114.6560, 5.0996, -2.3293



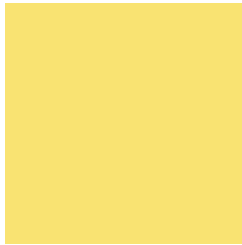
39.7430, 73.5837, -34.8546



12.8240, 23.7508, -11.2466

Previews

White Background



This preview shows how the YUV color 220.6960, -52.6011, 24.8226 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 220.6960, -52.6011, 24.8226 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 220.6960, -52.6011, 24.8226

Background



This preview shows how black text looks on a background with the YUV color 220.6960, -52.6011, 24.8226.

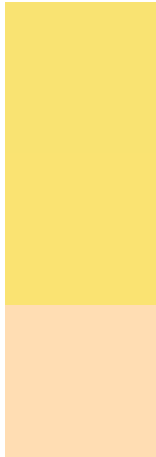


This preview shows how white text looks on a background with the YUV color 220.6960, -52.6011,

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

220.6960, -52.6011, 24.8226

Protanopia

220.9950, -52.7485, 25.4374

Deuteranopia

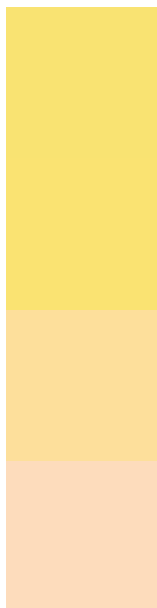
226.3780, -23.3574, 25.1015



Tritanopia

229.2570, 0.3663, 22.5766

Trichromacy



Original Color

220.6960, -52.6011, 24.8226

Protanomaly

220.9950, -52.7485, 25.4374

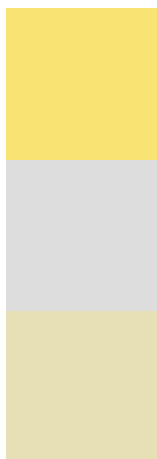
Deuteranomaly

224.2180, -34.1245, 25.2418

Tritanomaly

226.2190, -18.8420, 23.4869

Monochromacy



Original Color

220.6960, -52.6011, 24.8226

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

220.7180, -19.0880, 9.0173

CSS Examples

Text

The CSS property to change the color of the text to YUV 220.6960, -52.6011, 24.8226 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, 227, 114)` looks like.

```
.text, #text, p{  
    color:rgb(249, 227, 114)  
}
```

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, 227, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 227, 114) }
```

Border

The CSS property to change the border of an element to YUV 220.6960, -52.6011, 24.8226 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, 227, 114) }
```


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

```
.border{ border-color:rgb(249, 227, 114) }
```

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

Here you see how a box with a 4 pixel rgb(249, 227, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 227, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 227, 114);  
box-shadow:4px 4px 4px 4px rgb(249, 227,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 220.6960, -52.6011, 24.8226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 227, 114) }
```

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

```
.background{ background-color: rgb(249,  
227, 114) }
```

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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