

Converting Colors

YUV(204.3350, -78.5522,
41.8022)

Have a look what the booklet for
YUV(204.3350, -78.5522, 41.8022)
contains.

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Color

**YUV(204.3350, -78.5522,
41.8022)**

Conversions

Conversions Part 1

Format	Color
Hex	FCD32D
RGB	252, 211, 45
RGB Percent	99%, 83%, 18%
CMY	0.0118, 0.1725, 0.8235
CMYK	0.00, 0.16, 0.82, 0.01
HSL	48°, 97%, 58%
HSV	48°, 82%, 99%
XYZ	63.9128, 67.4734, 12.1377
YIQ	204.3350, 77.7220, -42.9340

Conversions

Conversions Part 2

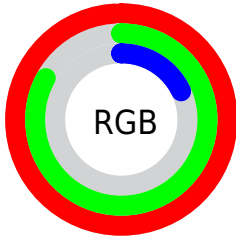
Format	Color
RYB	96, 252, 45
Decimal	16569133
CIELab	85.74, -0.50, 79.16
CIELCh	86, 79.165, 90.361
Yxy	67.4734, 0.4453, 0.4701
Android (android.graphics.Color)	4294759213 (0xFFFC32D)
YUV	204.3350, -78.5522, 41.8022
Hunter-Lab	82.1422, -4.8625, 48.7386

Details

The YUV color **204.3350, -78.5522, 41.8022** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **92.6650, 78.5522, -41.8022**, and the grayscale version is **205.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.1280, -64.6461, 14.7967**, and **149.2680, -73.5891, 36.5990** is the 20% darker color. If you saturate the color by 10%, you get **198.5500, -88.0251, 46.8757**, and if you desaturate by 10%, it is **210.1200, -69.0792, 36.7288**.

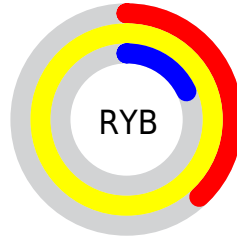
Distribution



Red (99%)

Green (83%)

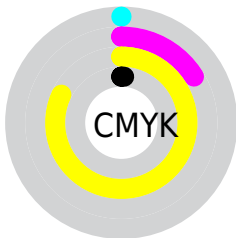
Blue (18%)



Red (38%)

Yellow (99%)

Blue (18%)

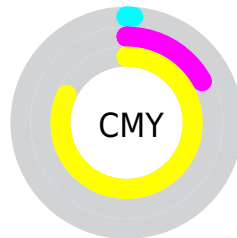


Cyan (0%)

Magenta (16%)

Yellow (82%)

Black (1%)



Cyan (1%)

Magenta (17%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.3350, -78.5522, 41.8022 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 204.3350, -78.5522, 41.8022 by changing the saturation by 10% instead.

204.3350,
-78.5522, 41.8022

204.3350,
-78.5522, 41.8022

255.0000, 0.0000,
0.0000

174.0870,
-85.8249, 41.1427

238.1280,
-64.6461, 14.7967

149.2680,
-73.5891, 36.5990

241.4340,
-51.9790, 11.8974

125.0360,
-61.6427, 31.5404

244.6260,
-39.7486, 9.0980

101.6900,
-50.1332, 26.5819

247.9320,
-27.0815, 6.1986

78.9310, -38.9130,
21.1085

251.3520,
-13.9775, 3.1993

57.6450, -28.4190,
15.2203

254.7720, -0.8736,

36.9570, -18.2198,

0.2000

10.5617

■ 17.7420, -8.7468,
5.4883

■ 0.0000, 0.0000,
0.0000

■ 204.3350,
-78.5522, 41.8022

■ 204.3350,
-78.5522, 41.8022

■ 198.5500,
-88.0251, 46.8757

■ 210.1200,
-69.0792, 36.7288

■ 193.9220,
-95.6035, 50.9344

■ 215.9050,
-59.6062, 31.6553

■ 221.8040,
-49.6964, 26.4819

■ 227.5890,
-40.2234, 21.4084

■ 233.3740,
-30.7504, 16.3350

■ 239.1590,
-21.2774, 11.2616

■ 244.9440,
-11.8044, 6.1881

■ 250.8430, -1.8946,
1.0147

■ 254.1030, 0.4422,
-1.8443

Harmonies

Analogous

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



192.3130, -54.8773, 54.9765



204.3350, -78.5522, 41.8022



197.4290, -61.3435, -17.9162

Triad

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



204.3350, -78.5522, 41.8022



175.2330, 39.3251, -153.6793



200.4090, 26.9134, 47.8763

Complementary

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



204.3350, -78.5522, 41.8022



92.6650, 78.5522, -41.8022

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.



207.2330, 23.5491, 6.8117



204.3350, -78.5522, 41.8022



170.5370, 41.6403, -149.5609

Square

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



204.3350, -78.5522, 41.8022



171.0320, 20.6902, -149.9951



159.9710, 46.8493, -140.2946



184.9240, 15.8135, 61.4567

Rectangle

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



204.3350, -78.5522, 41.8022



187.2390, -36.5998, -67.7386



159.9710, 46.8493, -140.2946



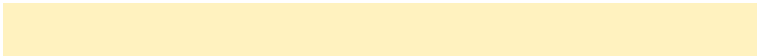
206.2790, 24.0195, 42.7283

Sweetspot

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



204.3350, -78.5522, 41.8022



240.0730, -24.1930, 13.0910



111.5670, -12.6045, 123.1597



118.8580, -14.7200, 8.0175



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.



204.3350, -78.5522, 41.8022



196.9220, -95.6035, 50.9344



209.8640, -81.2780, -17.4207



121.7570, -4.8102, 2.8441



145.1480, -71.5580, 38.4582



47.0020, -23.1720, 12.2762

Inverse Universe

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



92.6650, 78.5522, -41.8022



61.0780, 95.6035, -50.9344



87.1360, 81.2780, 17.4207



115.2430, 4.8102, -2.8441



43.2650, 71.8474, -37.9434



13.9980, 23.1720, -12.2762

Previews

White Background



This preview shows how the YUV color 204.3350, -78.5522, 41.8022 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 204.3350, -78.5522, 41.8022 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 204.3350, -78.5522, 41.8022

Background



This preview shows how black text looks on a background with the YUV color 204.3350, -78.5522, 41.8022.



This preview shows how white text looks on a background with the YUV color 204.3350, -78.5522, 41.8022.

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

204.3350, -78.5522, 41.8022

Protanopia

203.5080, -77.6514, 32.8805

Deuteranopia

212.4600, -41.1458, 37.3076



Tritanopia

217.8130, -2.8658, 32.6130

Trichromacy



Original Color

204.3350, -78.5522, 41.8022

Protanomaly

204.1170, -77.9517, 35.8544

Deuteranomaly

209.2140, -54.8285, 39.2773

Tritanomaly

212.9080, -30.5206, 36.0377

Monochromacy



Original Color

204.3350, -78.5522, 41.8022

Achromatopsia

204.0000, 0.0000, 0.0000

Achromatomaly

204.2320, -28.7084, 14.7055

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.3350, -78.5522, 41.8022 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(252, 211, 45)` looks like.

```
.text, #text, p{  
    color:rgb(252, 211, 45)  
}
```

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(252, 211, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 211, 45) }
```

Border

The CSS property to change the border of an element to YUV 204.3350, -78.5522, 41.8022 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(252, 211, 45) }
```


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

```
.border{ border-color:rgb(252, 211, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 211, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 211, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 211, 45);  
box-shadow:4px 4px 4px 4px rgb(252, 211,  
45) }
```

Background

The CSS property to change the background color of an element to YUV 204.3350, -78.5522, 41.8022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 211, 45) }
```

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

```
.background{ background-color: rgb(252,  
211, 45) }
```

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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