

Converting Colors

YUV(207.3640, -65.7485,
41.7768)

Have a look what the booklet for
YUV(207.3640, -65.7485, 41.7768)
contains.

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Color

**YUV(207.3640, -65.7485,
41.7768)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD14A
RGB	255, 209, 74
RGB Percent	100%, 82%, 29%
CMY	0.0000, 0.1804, 0.7098
CMYK	0.00, 0.18, 0.71, 0.00
HSL	45°, 100%, 65%
HSV	45°, 71%, 100%
XYZ	65.2765, 67.3553, 16.0390
YIQ	207.3640, 70.7510, -32.2330

Conversions

Conversions Part 2

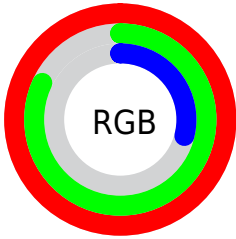
Format	Color
RYB	136, 255, 74
Decimal	16765258
CIELab	85.68, 2.85, 69.69
CIELCh	86, 69.748, 87.658
Yxy	67.3553, 0.4391, 0.4531
Android (android.graphics.Color)	4294955338 (0xFFFFD14A)
YUV	207.3640, -65.7485, 41.7768
Hunter-Lab	82.0703, -1.6490, 45.8622

Details

The YUV color **207.3640, -65.7485, 41.7768** 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 **121.6360, 65.7485, -41.7768**, and the grayscale version is **208.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.7500, -54.5998, 12.4972**, and **148.9910, -73.4526, 39.4729** is the 20% darker color. If you saturate the color by 10%, you get **200.9920, -74.9321, 47.3650**, and if you desaturate by 10%, it is **213.8500, -56.1280, 36.0886**.

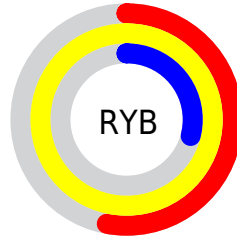
Distribution



Red (100%)

Green (82%)

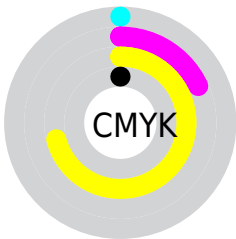
Blue (29%)



Red (53%)

Yellow (100%)

Blue (29%)

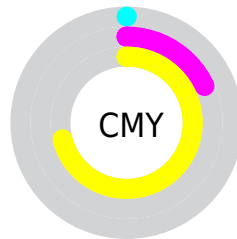


Cyan (0%)

Magenta (18%)

Yellow (71%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 207.3640, -65.7485, 41.7768 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 207.3640, -65.7485, 41.7768 by changing the saturation by 10% instead.

207.3640,
-65.7485, 41.7768

207.3640,
-65.7485, 41.7768

255.0000, 0.0000,
0.0000

178.8260,
-66.4692, 39.6176

240.7500,
-54.5998, 12.4972

148.9910,
-73.4526, 39.4729

243.9420,
-42.3694, 9.6979

125.0580,
-61.6536, 35.0291

247.1340,
-30.1391, 6.8985

101.4130,
-49.9966, 29.4558

250.4400,
-17.4719, 3.9991

79.5400, -39.2132,
24.0824

253.7460, -4.8048,
1.0998

57.6670, -28.4298,
18.7090

37.5660, -18.5200,

13.5356

■ 18.0630, -8.9051,
9.5917

■ 0.0000, 0.0000,
0.0000

■ 207.3640,
-65.7485, 41.7768

■ 207.3640,
-65.7485, 41.7768

■ 200.9920,
-74.9321, 47.3650

■ 213.8500,
-56.1280, 36.0886

■ 193.9190,
-84.2631, 53.5680

■ 220.8090,
-47.2338, 29.9855

■ 187.7750,
-92.5731, 58.9563

■ 227.2950,
-37.6134, 24.2973

■ 234.2540,
-28.7192, 18.1942

■ 240.7400,
-19.0988, 12.5060

■ 247.6990,
-10.2046, 6.4030

■ 254.1850, -0.5842,
0.7148

■ 255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



195.9950, -45.8465, 51.7474



207.3640, -65.7485, 41.7768



200.9060, -54.6767, -9.5646

Triad

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



207.3640, -65.7485, 41.7768



173.4720, 40.1933, -152.1349



206.2790, 24.0195, 42.7283

Complementary

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



207.3640, -65.7485, 41.7768



121.6360, 65.7485, -41.7768

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.



208.0750, 23.1340, -0.0658



207.3640, -65.7485, 41.7768



169.3630, 42.2190, -148.5314

Square

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



207.3640, -65.7485, 41.7768



168.0000, 19.2270, -147.3360



160.8680, 46.4071, -138.4502



192.5380, 14.5248, 54.7792

Rectangle

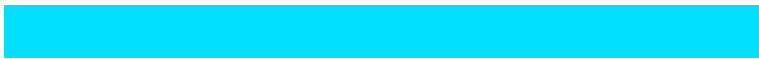
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



207.3640, -65.7485, 41.7768



193.5770, -35.7805, -50.4950



160.8680, 46.4071, -138.4502



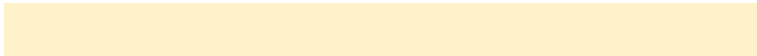
211.5620, 21.4149, 38.0951

Sweetspot

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



207.3640, -65.7485, 41.7768



240.6260, -19.5356, 12.6060



133.5910, -5.7144, 106.4757



119.0690, -11.3730, 7.8325



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.



207.3640, -65.7485, 41.7768



197.9770, -78.8687, 50.0092



221.8080, -72.8693, -7.7246



124.1700, -4.5208, 3.3589



141.0500, -69.5376, 43.8062



47.3120, -23.3248, 14.6354

Inverse Universe

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



121.6360, 65.7485, -41.7768



95.0230, 78.8687, -50.0092



107.1920, 72.8693, 7.7246



118.2430, 4.8102, -2.8441



50.5370, 69.2483, -44.3209



16.6880, 23.3248, -14.6354

Previews

White Background



This preview shows how the YUV color 207.3640, -65.7485, 41.7768 looks on a white background.

Color Contrast Check

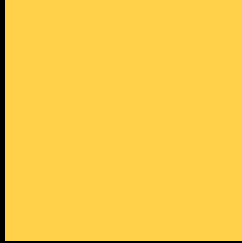
Large Text (above 18pt) WCAG AA × Fail

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 207.3640, -65.7485, 41.7768 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 207.3640, -65.7485, 41.7768

Background



This preview shows how black text looks on a background with the YUV color 207.3640, -65.7485, 41.7768.



This preview shows how white text looks on a background with the YUV color 207.3640, -65.7485,

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

207.3640, -65.7485, 41.7768

Protanopia

206.6290, -64.4001, 29.2664

Deuteranopia

212.6880, -40.2722, 37.1076



Tritanopia

217.6990, -3.3026, 32.7130

Trichromacy



Original Color

207.3640, -65.7485, 41.7768

Protanomaly

206.8360, -64.9951, 33.4698

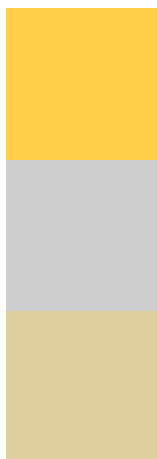
Deuteranomaly

210.8810, -49.7343, 38.6924

Tritanomaly

213.7600, -26.0107, 36.1675

Monochromacy



Original Color

207.3640, -65.7485, 41.7768

Achromatopsia

207.0000, 0.0000, 0.0000

Achromatomaly

207.1980, -23.7616, 14.7354

CSS Examples

Text

The CSS property to change the color of the text to YUV 207.3640, -65.7485, 41.7768 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(255, 209, 74)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 74)  
}
```

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(255, 209, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 74) }
```

Border

The CSS property to change the border of an element to YUV 207.3640, -65.7485, 41.7768 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(255, 209, 74) }
```


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

```
.border{ border-color:rgb(255, 209, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 209, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 74);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
74) }
```

Background

The CSS property to change the background color of an element to YUV 207.3640, -65.7485, 41.7768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 209, 74) }
```

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

```
.background{ background-color: rgb(255,  
209, 74) }
```

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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