

Converting Colors

YUV(204.1400, -25.7050,
31.4492)

Have a look what the booklet for
YUV(204.1400, -25.7050, 31.4492)
contains.

YUV(204.1400, -25.7050, 31.4492)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(204.1400, -25.7050,
31.4492)**

Conversions

Conversions Part 1

Format	Color
Hex	F0C498
RGB	240, 196, 152
RGB Percent	94%, 77%, 60%
CMY	0.0588, 0.2314, 0.4039
CMYK	0.00, 0.18, 0.37, 0.06
HSL	30°, 75%, 77%
HSV	30°, 37%, 94%
XYZ	61.3426, 60.2721, 38.1063
YIQ	204.1400, 40.3480, -4.3560

Conversions

Conversions Part 2

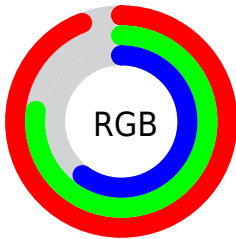
Format	Color
R _Y B	240, 240, 152
Decimal	15778968
CIE Lab	81.99, 9.74, 28.00
CIE LCh	82, 29.645, 70.817
Yxy	60.2721, 0.3841, 0.3774
Android (android.graphics.Color)	4293969048 (0xFFFF0C498)
YUV	204.1400, -25.7050, 31.4492
Hunter-Lab	77.6351, 5.1785, 25.2427

Details

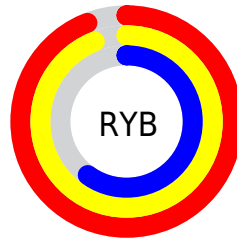
The YUV color $204.1400, -25.7050, 31.4492$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $187.8600, 25.7050, -31.4492$, and the grayscale version is $204.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.3540, -20.3875, 5.8285$, and $149.5850, -23.9524, 29.3050$ is the 20% darker color. If you saturate the color by 10%, you get $194.3600, -32.7155, 40.0263$, and if you desaturate by 10%, it is $213.9200, -18.6946, 22.8722$.

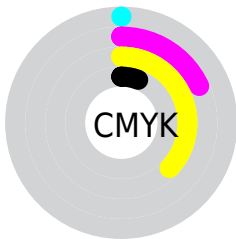
Distribution



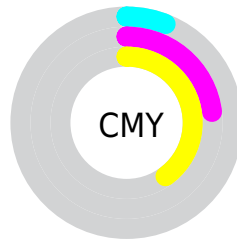
- Red (94%)
- Green (77%)
- Blue (60%)



- Red (94%)
- Yellow (94%)
- Blue (60%)



- Cyan (0%)
- Magenta (18%)
- Yellow (37%)
- Black (6%)



- Cyan (6%)
- Magenta (23%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.1400, -25.7050, 31.4492 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 204.1400, -25.7050, 31.4492 by changing the saturation by 10% instead.

204.1400,
-25.7050, 31.4492

204.1400,
-25.7050, 31.4492

255.0000, 0.0000,
0.0000

176.6560,
-24.9734, 30.1197

248.3540,
-20.3875, 5.8285

149.5850,
-23.9524, 29.3050

252.7200, -8.7360,
1.9996

123.6880,
-23.5102, 27.4606

98.3180, -22.3418,
26.0311

74.2360, -21.3153,
23.4720

50.3390, -20.8731,
21.6277

29.9240, -14.7525,

18.4837

■ 8.0730, -3.9800,
16.5990

■ 0.0000, 0.0000,
0.0000

■ 204.1400,
-25.7050, 31.4492

■ 204.1400,
-25.7050, 31.4492

■ 194.3600,
-32.7155, 40.0263

■ 213.9200,
-18.6946, 22.8722

■ 184.5800,
-39.7259, 48.6033

■ 223.7000,
-11.6841, 14.2951

■ 174.8000,
-46.7364, 57.1804

■ 233.4800, -4.6736,
5.7180

■ 165.0200,
-53.7469, 65.7575

■ 243.2600, 2.3368,
-2.8590

■ 155.2400,
-60.7573, 74.3345

■ 250.5150, 2.2111,
-9.2217

■ 145.4600,
-67.7678, 82.9116

■ 142.2000,
-70.1046, 85.7706

Harmonies

Analogous

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



205.8670, -18.1754, 43.0896



204.1400, -25.7050, 31.4492



201.3070, -25.7874, 11.1318

Triad

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



204.1400, -25.7050, 31.4492



191.3950, 10.6513, -56.4744



207.4140, 19.0229, 11.9149

Complementary

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



204.1400, -25.7050, 31.4492



187.8600, 25.7050, -31.4492

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.



203.2470, 25.5142, -16.8796



204.1400, -25.7050, 31.4492



191.1030, 23.6132, -60.6033

Square

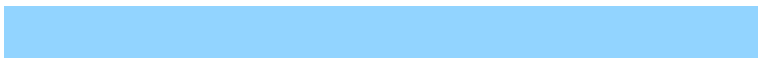
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



204.1400, -25.7050, 31.4492



194.2050, -4.5381, -37.8908



197.1680, 28.5112, -44.8743



208.7560, 7.0223, 34.4170

Rectangle

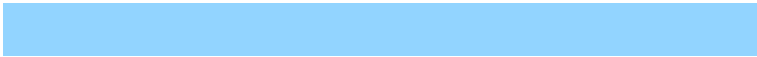
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



204.1400, -25.7050, 31.4492



199.3480, -21.3706, -5.5672



197.1680, 28.5112, -44.8743



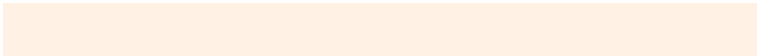
206.2710, 22.5444, 2.3933

Sweetspot

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



204.1400, -25.7050, 31.4492



243.5900, -8.1789, 10.0066



183.3280, 6.2473, 49.7013



120.7790, -4.8210, 6.3328



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.



204.1400, -25.7050, 31.4492



209.3600, -32.7155, 40.0263



229.9680, -38.4382, 8.7981



115.1100, -3.5052, 4.2885



109.0200, -53.7469, 65.7575



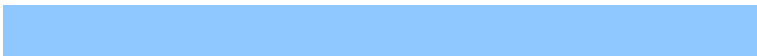
33.1800, -16.3577, 20.0131

Inverse Universe

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



187.8600, 25.7050, -31.4492



188.6400, 32.7155, -40.0263



162.0320, 38.4382, -8.7981



112.8900, 3.5052, -4.2885



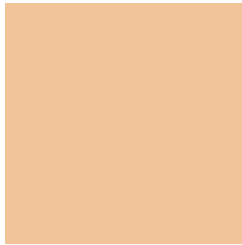
74.9800, 53.7469, -65.7575



22.8200, 16.3577, -20.0131

Previews

White Background



This preview shows how the YUV color 204.1400, -25.7050, 31.4492 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 204.1400, -25.7050, 31.4492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

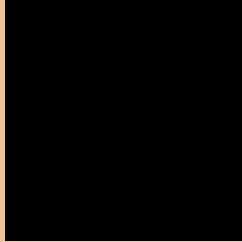
Any Text WCAG AA ✓ Pass

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 204.1400, -25.7050, 31.4492 Background



This preview shows how black text looks on a background with the YUV color 204.1400, -25.7050, 31.4492.



This preview shows how white text looks on a background with the YUV color 204.1400, -25.7050,

31.4492.

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

204.1400, -25.7050, 31.4492

Protanopia

202.6000, -23.4668, 13.5058

Deuteranopia

204.4390, -25.8524, 32.0640



Tritanopia

207.4540, -1.7028, 32.9278

Trichromacy



Original Color

204.1400, -25.7050, 31.4492

Protanomaly

203.1170, -24.2147, 20.0684

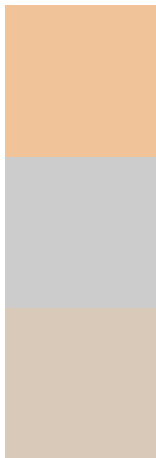
Deuteranomaly

204.4390, -25.8524, 32.0640

Tritanomaly

206.4510, -10.5753, 32.0535

Monochromacy



Original Color

204.1400, -25.7050, 31.4492

Achromatopsia

204.0000, 0.0000, 0.0000

Achromatomaly

203.9600, -9.3473, 11.4361

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.1400, -25.7050, 31.4492 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(240, 196, 152)` looks like.

```
.text, #text, p{  
    color:rgb(240, 196, 152)  
}
```

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(240, 196, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 196, 152) }
```

Border

The CSS property to change the border of an element to YUV 204.1400, -25.7050, 31.4492 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(240, 196, 152) }
```


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

```
.border{ border-color:rgb(240, 196, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 196, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 196, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 196, 152);  
box-shadow:4px 4px 4px 4px rgb(240, 196,  
152) }
```

Background

The CSS property to change the background color of an element to YUV 204.1400, -25.7050, 31.4492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 196, 152) }
```

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

```
.background{ background-color: rgb(240,  
196, 152) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor