

Converting Colors

YUV(203.9060, -24.1107,
33.4084)

Have a look what the booklet for
YUV(203.9060, -24.1107, 33.4084)
contains.

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Color

**YUV(203.9060, -24.1107,
33.4084)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F2C29B |
| RGB | 242, 194, 155 |
| RGB Percent | 95%, 76%, 61% |
| CMY | 0.0510, 0.2392, 0.3922 |
| CMYK | 0.00, 0.20, 0.36, 0.05 |
| HSL | 27°, 77%, 78% |
| HSV | 27°, 36%, 95% |
| XYZ | 61.8261, 59.8274, 39.2996 |
| YIQ | 203.9060, 41.1270, -1.9530 |

Conversions

Conversions Part 2

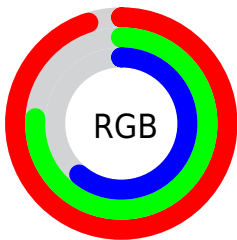
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 242, 226, 155 |
| Decimal | 15909531 |
| CIE _{Lab} | 81.74, 11.91, 26.13 |
| CIE _{LCh} | 82, 28.714, 65.485 |
| Yxy | 59.8274, 0.3841, 0.3717 |
| Android (android.graphics.Color) | 4294099611 (0xFFFF2C29B) |
| YUV | 203.9060, -24.1107, 33.4084 |
| Hunter-Lab | 77.3482, 7.3198, 24.0192 |

Details

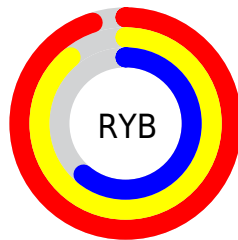
The YUV color $203.9060, -24.1107, 33.4084$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $193.0940, 24.1107, -33.4084$, and the grayscale version is $204.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.5220, -18.4983, 6.5582$, and $149.0520, -22.2106, 30.6494$ is the 20% darker color. If you saturate the color by 10%, you get $193.5390, -30.8317, 42.5003$, and if you desaturate by 10%, it is $214.2730, -17.3896, 24.3166$.

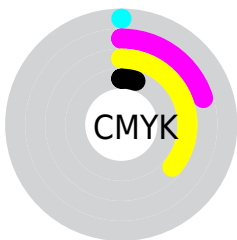
Distribution



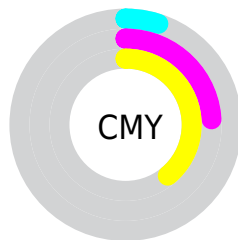
- Red (95%)
- Green (76%)
- Blue (61%)



- Red (95%)
- Yellow (89%)
- Blue (61%)



- Cyan (0%)
- Magenta (20%)
- Yellow (36%)
- Black (5%)



- Cyan (5%)
- Magenta (24%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.9060, -24.1107, 33.4084 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 203.9060, -24.1107, 33.4084 by changing the saturation by 10% instead.

203.9060,
-24.1107, 33.4084

203.9060,
-24.1107, 33.4084

255.0000, 0.0000,
0.0000

176.4220,
-23.3790, 32.0789

247.5220,
-18.4983, 6.5582

149.0520,
-22.2106, 30.6494

253.0620, -7.4256,
1.6996

123.4540,
-21.9158, 29.4198

97.7850, -20.6000,
27.3756

74.0020, -19.7210,
25.4312

50.8060, -19.1314,
22.9721

29.9350, -14.7580,

20.2280

■ 8.6710, -4.2748,
17.8285

■ 0.0000, 0.0000,
0.0000

■ 203.9060,
-24.1107, 33.4084

■ 203.9060,
-24.1107, 33.4084

■ 193.5390,
-30.8317, 42.5003

■ 214.2730,
-17.3896, 24.3166

■ 182.5850,
-37.2634, 52.1070

■ 225.2270,
-10.9579, 14.7099

■ 172.1040,
-44.4213, 61.2988

■ 235.7080, -3.8000,
5.5181

■ 161.7370,
-51.1423, 70.3907

■ 246.0750, 2.9210,
-3.5738

■ 150.7830,
-57.5740, 79.9973

■ 251.1130, 1.9163,
-7.9921

■ 140.4160,
-64.2951, 89.0892

■ 135.7540,
-66.9267, 93.1777

Harmonies

Analogous

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



205.7360, -16.1388, 43.2045



203.9060, -24.1107, 33.4084



201.4430, -25.3614, 14.5205

Triad

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



203.9060, -24.1107, 33.4084



191.0320, 7.8722, -51.7711



206.6090, 19.9128, 6.4819

Complementary

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



203.9060, -24.1107, 33.4084



193.0940, 24.1107, -33.4084

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.



201.7410, 26.2567, -21.6979



203.9060, -24.1107, 33.4084



191.0170, 20.6976, -58.7739

Square

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



203.9060, -24.1107, 33.4084



194.5540, -7.1751, -32.0579



195.5160, 27.3536, -46.9335



207.8910, 8.9277, 29.9136

Rectangle

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



203.9060, -24.1107, 33.4084



199.7400, -22.5498, -0.6490



195.5160, 27.3536, -46.9335



205.3520, 22.9975, -2.9397

Sweetspot

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



203.9060, -24.1107, 33.4084



243.0030, -7.8895, 10.5214



186.5990, 8.5787, 48.5867



120.1920, -4.5317, 6.8476



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.



203.9060, -24.1107, 33.4084



207.2400, -30.6843, 41.8855



228.5600, -36.2651, 11.7869



114.5230, -3.2158, 4.8033



103.1500, -50.8529, 70.9055



31.4190, -15.4896, 21.5575

Inverse Universe

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



193.0940, 24.1107, -33.4084



193.3470, 30.3949, -42.4003



168.4400, 36.2651, -11.7869



112.8900, 3.5052, -4.2885



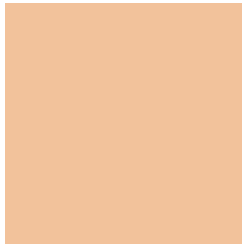
80.2630, 51.1423, -70.3907



24.5810, 15.4896, -21.5575

Previews

White Background



This preview shows how the YUV color 203.9060, -24.1107, 33.4084 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 203.9060, -24.1107, 33.4084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

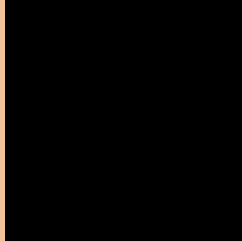
Any Text WCAG AA ✓ Pass

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 203.9060, -24.1107, 33.4084 Background



This preview shows how black text looks on a background with the YUV color 203.9060, -24.1107, 33.4084.



This preview shows how white text looks on a background with the YUV color 203.9060, -24.1107, 33.4084.

33.4084.

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

203.9060, -24.1107, 33.4084

Protanopia

202.1700, -21.2828, 13.0059

Deuteranopia

203.5960, -23.9578, 31.0493



Tritanopia

207.2370, -2.5818, 34.8722

Trichromacy



Original Color

203.9060, -24.1107, 33.4084

Protanomaly

202.9860, -22.1781, 20.1833

Deuteranomaly

203.8950, -24.1052, 31.6641

Tritanomaly

205.8750, -10.2914, 34.3126

Monochromacy



Original Color

203.9060, -24.1107, 33.4084

Achromatopsia

204.0000, 0.0000, 0.0000

Achromatomaly

203.7860, -8.7685, 12.4657

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.9060, -24.1107, 33.4084 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(242, 194, 155)` looks like.

```
.text, #text, p{  
    color:rgb(242, 194, 155)  
}
```

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(242, 194, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 194, 155) }
```

Border

The CSS property to change the border of an element to YUV 203.9060, -24.1107, 33.4084 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(242, 194, 155) }
```


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

```
.border{ border-color:rgb(242, 194, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 194, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 194, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 194, 155);  
box-shadow:4px 4px 4px 4px rgb(242, 194,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 203.9060, -24.1107, 33.4084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 194, 155) }
```

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

```
.background{ background-color: rgb(242,  
194, 155) }
```

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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