

Converting Colors

YUV(187.0020, -33.0320,
48.2332)

Have a look what the booklet for
YUV(187.0020, -33.0320, 48.2332)
contains.

YUV(187.0020, -33.0320, 48.2332)	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(187.0020, -33.0320,
48.2332)**

Conversions

Conversions Part 1

Format	Color
Hex	F2AC78
RGB	242, 172, 120
RGB Percent	95%, 67%, 47%
CMY	0.0510, 0.3255, 0.5294
CMYK	0.00, 0.29, 0.50, 0.05
HSL	26°, 82%, 71%
HSV	26°, 50%, 95%
XYZ	54.7606, 49.7384, 24.4836
YIQ	187.0020, 58.4120, -1.3320

Conversions

Conversions Part 2

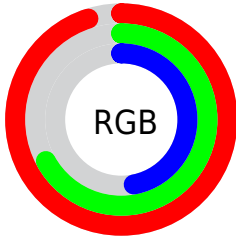
Format	Color
R_{YB}	242, 211, 120
Decimal	15903864
CIE _{Lab}	75.91, 19.89, 36.84
CIE _{LCh}	76, 41.872, 61.633
Yxy	49.7384, 0.4246, 0.3856
Android (android.graphics.Color)	4294093944 (0xFFF2AC78)
YUV	187.0020, -33.0320, 48.2332
Hunter-Lab	70.5254, 15.1798, 28.7847

Details

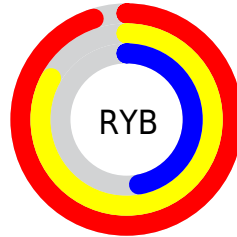
The YUV color $187.0020, -33.0320, 48.2332$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $174.9980, 33.0320, -48.2332$, and the grayscale version is $187.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $229.8030, -28.0039, 22.0978$, and $133.1370, -31.1265, 43.7299$ is the 20% darker color. If you saturate the color by 10%, you get $176.0480, -39.4637, 57.8399$, and if you desaturate by 10%, it is $197.9560, -26.6003, 38.6266$.

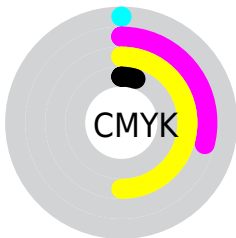
Distribution



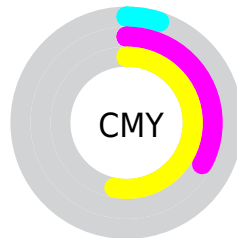
- Red (95%)
- Green (67%)
- Blue (47%)



- Red (95%)
- Yellow (83%)
- Blue (47%)



- Cyan (0%)
- Magenta (29%)
- Yellow (50%)
- Black (5%)



- Cyan (5%)
- Magenta (33%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.0020, -33.0320, 48.2332 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 187.0020, -33.0320, 48.2332 by changing the saturation by 10% instead.

187.0020,
-33.0320, 48.2332

187.0020,
-33.0320, 48.2332

255.0000, 0.0000,
0.0000

159.3330,
-31.7162, 46.1890

229.8030,
-28.0039, 22.0978

133.1370,
-31.1265, 43.7299

248.8440,
-23.5871, 5.3988

107.1690,
-29.6633, 41.0708

252.0360,
-11.3567, 2.5994

81.9730, -29.0737,
38.6117

57.7770, -28.4841,
36.1526

36.7900, -18.1375,
30.8792

15.8030, -7.7909,

25.6058

■ 1.7940, -0.8844,
3.6887

■ 0.0000, 0.0000,
0.0000

■ 187.0020,
-33.0320, 48.2332

■ 187.0020,
-33.0320, 48.2332

■ 176.0480,
-39.4637, 57.8399

■ 197.9560,
-26.6003, 38.6266

■ 165.0940,
-45.8953, 67.4466

■ 208.9100,
-20.1686, 29.0199

■ 154.0260,
-52.7638, 77.1532

■ 219.9780,
-13.3002, 19.3133

■ 143.0720,
-59.1955, 86.7599

■ 230.9320, -6.8685,
9.7066

132.8190,
-65.4798, 95.7517

241.2990, -0.1474,
0.6148

251.1130, 1.9163,
-7.9921

Harmonies

Analogous

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



187.7380, -19.0978, 58.9888



187.0020, -33.0320, 48.2332



183.8110, -36.8818, 22.9678

Triad

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



187.0020, -33.0320, 48.2332



163.2620, 12.1958, -85.2988



190.1600, 30.9801, 3.3677

Complementary

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



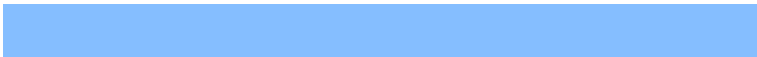
187.0020, -33.0320, 48.2332



174.9980, 33.0320, -48.2332

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.



180.3670, 36.7941, -41.5409



187.0020, -33.0320, 48.2332



147.2730, 38.8124, -129.1584

Square

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



187.0020, -33.0320, 48.2332



173.5110, -12.0839, -44.2981



164.2850, 44.2295, -93.2119



192.0800, 15.7366, 39.3948

Rectangle

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



187.0020, -33.0320, 48.2332



181.3030, -33.1804, 2.3653



164.2850, 44.2295, -93.2119



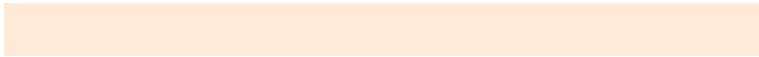
187.9410, 33.0601, -10.4723

Sweetspot

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



187.0020, -33.0320, 48.2332



237.7540, -10.2317, 15.1247



164.5720, 13.0290, 67.9044



117.1600, -5.9949, 9.5067



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.



187.0020, -33.0320, 48.2332



185.9020, -41.3637, 60.5989



222.2220, -50.3954, 17.3453



114.5230, -3.2158, 4.8033



100.8020, -49.6954, 72.9646



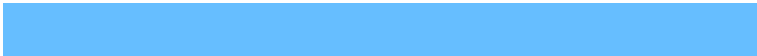
30.8320, -15.2002, 22.0723

Inverse Universe

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



174.9980, 33.0320, -48.2332



171.0980, 41.3637, -60.5989



139.7780, 50.3954, -17.3453



113.4770, 3.2158, -4.8033



82.6110, 49.9848, -72.4498



25.1680, 15.2002, -22.0723

Previews

White Background



This preview shows how the YUV color 187.0020, -33.0320, 48.2332 looks on a white background.

Color Contrast Check

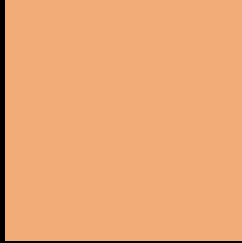
Large Text (above 18pt) WCAG AA × Fail

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 187.0020, -33.0320, 48.2332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

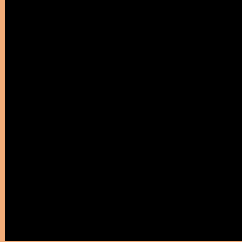
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 187.0020, -33.0320, 48.2332

Background



This preview shows how black text looks on a background with the YUV color 187.0020, -33.0320, 48.2332.



This preview shows how white text looks on a background with the YUV color 187.0020, -33.0320, 48.2332.

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

187.0020, -33.0320, 48.2332

Protanopia

184.8300, -29.0032, 15.9351

Deuteranopia

186.2130, -33.1360, 34.8932



Tritanopia

190.8860, -6.8458, 49.2120

Trichromacy



Original Color

187.0020, -33.0320, 48.2332

Protanomaly

185.8530, -30.4935, 27.3159

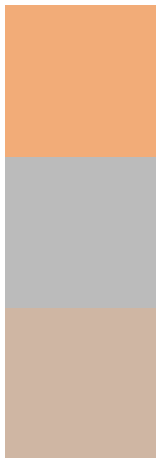
Deuteranomaly

186.2460, -33.1523, 40.1263

Tritanomaly

189.6550, -16.5919, 48.5376

Monochromacy



Original Color

187.0020, -33.0320, 48.2332

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

187.3090, -11.9843, 17.2690

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.0020, -33.0320, 48.2332 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, 172, 120)` looks like.

```
.text, #text, p{  
    color:rgb(242, 172, 120)  
}
```

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, 172, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 172, 120) }
```

Border

The CSS property to change the border of an element to YUV 187.0020, -33.0320, 48.2332 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, 172, 120) }
```


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

```
.border{ border-color:rgb(242, 172, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 172, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 172, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 172, 120);  
box-shadow:4px 4px 4px 4px rgb(242, 172,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 187.0020, -33.0320, 48.2332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 172, 120) }
```

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

```
.background{ background-color: rgb(242,  
172, 120) }
```

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