

Converting Colors

YUV(233.3260, -17.9087,
4.0991)

Have a look what the booklet for
YUV(233.3260, -17.9087, 4.0991)
contains.

YUV(233.3260, -17.9087, 4.0991)	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(233.3260, -17.9087,
4.0991)**

Conversions

Conversions Part 1

Format	Color
Hex	EEEEC5
RGB	238, 238, 197
RGB Percent	93%, 93%, 77%
CMY	0.0667, 0.0667, 0.2275
CMYK	0.00, 0.00, 0.17, 0.07
HSL	60°, 55%, 85%
HSV	60°, 17%, 93%
XYZ	75.9125, 83.3574, 64.9119
YIQ	233.3260, 13.1610, -12.7510

Conversions

Conversions Part 2

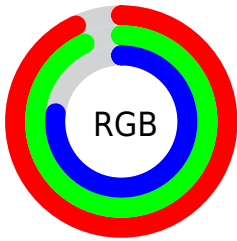
Format	Color
RYB	197, 238, 197
Decimal	15658693
CIELab	93.17, -6.66, 19.90
CIELCh	93, 20.984, 108.503
Yxy	83.3574, 0.3386, 0.3718
Android (android.graphics.Color)	4293848773 (0xFFEEEEEC5)
YUV	233.3260, -17.9087, 4.0991
Hunter-Lab	91.3003, -11.3600, 21.7567

Details

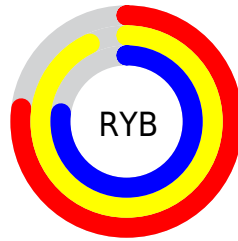
The YUV color $233.3260, -17.9087, 4.0991$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $201.6740, 17.9087, -4.0991$, and the grayscale version is $233.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.8860, -0.4368, 0.1000$, and $177.5540, -17.0351, 3.8991$ is the 20% darker color. If you saturate the color by 10%, you get $230.5900, -28.3919, 6.4986$, and if you desaturate by 10%, it is $236.0620, -7.4256, 1.6996$.

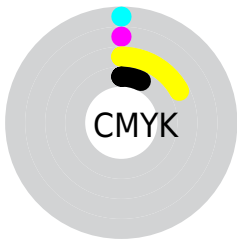
Distribution



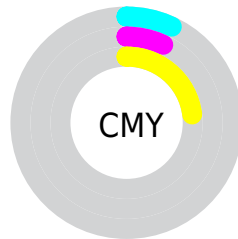
- Red (93%)
- Green (93%)
- Blue (77%)



- Red (77%)
- Yellow (93%)
- Blue (77%)



- Cyan (0%)
- Magenta (0%)
- Yellow (17%)
- Black (7%)



- Cyan (7%)
- Magenta (7%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 233.3260, -17.9087, 4.0991 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 233.3260, -17.9087, 4.0991 by changing the saturation by 10% instead.

■ 233.3260,
-17.9087, 4.0991

■ 233.3260,
-17.9087, 4.0991

255.0000, 0.0000,
0.0000

■ 205.4400,
-17.4719, 3.9991

254.8860, -0.4368,
0.1000

■ 177.5540,
-17.0351, 3.8991

■ 150.6680,
-16.5983, 3.7992

■ 124.8960,
-15.7247, 3.5992

■ 99.7110, -15.1405,
2.8845

■ 75.8250, -14.7037,
2.7845

■ 52.7540, -13.6827,

1.9697

■ 31.2980, -15.4299,
2.3697

■ 8.8050, -4.3409,
-7.7220

■ 233.3260,
-17.9087, 4.0991

■ 233.3260,
-17.9087, 4.0991

■ 230.5900,
-28.3919, 6.4986

■ 236.0620, -7.4256,
1.6996

■ 227.8540,
-38.8750, 8.8980

■ 238.7980, 3.0576,
-0.6998

■ 225.2320,
-48.9214, 11.1975

■ 239.9380, 7.4256,
-1.6996

■ 222.4960,
-59.4045, 13.5970

■ 219.7600,
-69.8877, 15.9965

■ 217.0240,
-80.3708, 18.3960

■ 214.2880,
-90.8540, 20.7954

■ 211.6660,
-100.9003, 23.0949

■ 210.8680,
-103.9579, 23.7948

Harmonies

Analogous

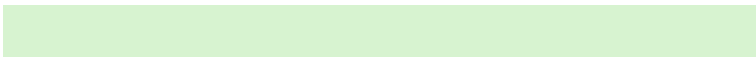
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



234.1860, -18.8257, 18.2539



233.3260, -17.9087, 4.0991



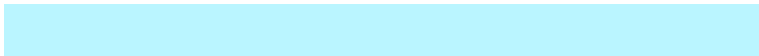
230.6380, -11.1605, -13.7145

Triad

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



233.3260, -17.9087, 4.0991



228.4990, 13.0650, -37.2716



234.3750, 4.7451, 18.0881

Complementary

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



233.3260, -17.9087, 4.0991



201.6740, 17.9087, -4.0991

Split Complementary

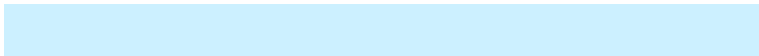
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



237.6780, 8.5397, 14.3144



233.3260, -17.9087, 4.0991



230.9460, 11.8586, -23.6316

Square

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



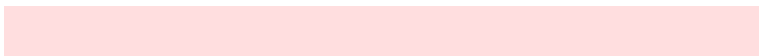
233.3260, -17.9087, 4.0991



227.8640, 9.4340, -39.3457



234.3120, 10.1992, -4.6586



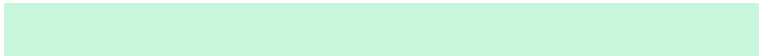
231.9810, -4.4276, 20.1877

Rectangle

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



233.3260, -17.9087, 4.0991



229.2820, -4.5760, -25.6803



234.3120, 10.1992, -4.6586



235.7600, 7.5133, 16.8735

Sweetspot

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



233.3260, -17.9087, 4.0991



253.5180, -5.6784, 1.2997



209.2590, -6.0437, 25.2059



127.0880, -3.4944, 0.7998



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.



233.3260, -17.9087, 4.0991



248.8440, -23.5871, 5.3988



227.3460, -14.9606, -8.1964



118.6320, -5.2416, 1.1997



163.0240, -80.3708, 18.3960



49.6160, -24.4607, 5.5988

Inverse Universe

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



201.6740, 17.9087, -4.0991



207.1560, 23.5871, -5.3988



207.9530, 14.8132, 8.8112



109.3680, 5.2416, -1.1997



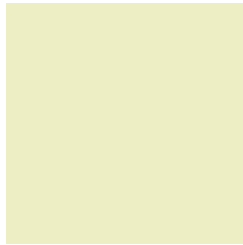
20.9760, 80.3708, -18.3960



6.3840, 24.4607, -5.5988

Previews

White Background



This preview shows how the YUV color 233.3260, -17.9087, 4.0991 looks on a white background.

Color Contrast Check

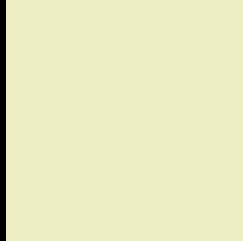
Large Text (above 18pt) WCAG AA × Fail

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 233.3260, -17.9087, 4.0991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

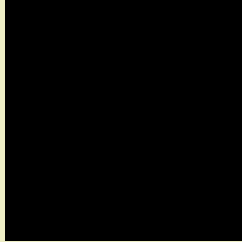
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

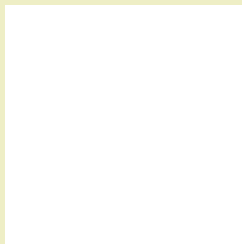
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 233.3260, -17.9087, 4.0991

Background



This preview shows how black text looks on a background with the YUV color 233.3260, -17.9087, 4.0991.



This preview shows how white text looks on a background with the YUV color 233.3260, -17.9087, 4.0991.

4.0991.

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

233.3260, -17.9087, 4.0991

Protanopia

234.3270, -19.3882, 11.9912

Deuteranopia

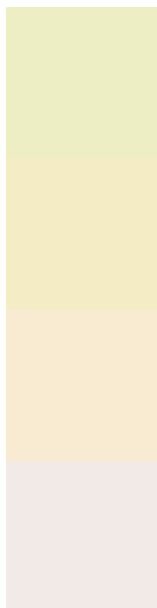
236.5800, -9.6529, 16.1543



Tritanopia

237.2380, 5.7987, 6.8073

Trichromacy



Original Color

233.3260, -17.9087, 4.0991

Protanomaly

233.8320, -18.6512, 8.9173

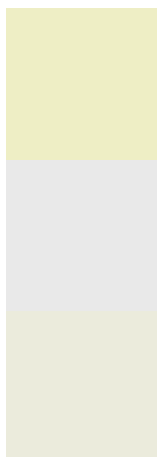
Deuteranomaly

235.7490, -12.6943, 11.6211

Tritanomaly

235.9360, -2.9264, 5.3181

Monochromacy



Original Color

233.3260, -17.9087, 4.0991

Achromatopsia

233.0000, 0.0000, 0.0000

Achromatomaly

233.2900, -6.5520, 1.4997

CSS Examples

Text

The CSS property to change the color of the text to YUV 233.3260, -17.9087, 4.0991 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(238, 238, 197)` looks like.

```
.text, #text, p{  
    color:rgb(238, 238, 197)  
}
```

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(238, 238, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 238, 197) }
```

Border

The CSS property to change the border of an element to YUV 233.3260, -17.9087, 4.0991 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(238, 238, 197) }
```


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

```
.border{ border-color:rgb(238, 238, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 238, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 238, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 238, 197);  
box-shadow:4px 4px 4px 4px rgb(238, 238,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 233.3260, -17.9087, 4.0991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 238, 197) }
```

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

```
.background{ background-color: rgb(238,  
238, 197) }
```

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