

Converting Colors

YUV(148.3260, -17.9087,
4.0991)

Have a look what the booklet for
YUV(148.3260, -17.9087, 4.0991)
contains.

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Color

**YUV(148.3260, -17.9087,
4.0991)**

Conversions

Conversions Part 1

Format	Color
Hex	999970
RGB	153, 153, 112
RGB Percent	60%, 60%, 44%
CMY	0.4000, 0.4000, 0.5608
CMYK	0.00, 0.00, 0.27, 0.40
HSL	60°, 17%, 52%
HSV	60°, 27%, 60%
XYZ	27.4527, 30.7246, 19.8128
YIQ	148.3260, 13.1610, -12.7510

Conversions

Conversions Part 2

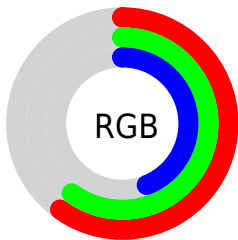
Format	Color
RYB	112, 153, 112
Decimal	10066288
CIELab	62.27, -6.88, 21.62
CIELCh	62, 22.690, 107.648
Yxy	30.7246, 0.3520, 0.3940
Android (android.graphics.Color)	4288256368 (0xFF999970)
YUV	148.3260, -17.9087, 4.0991
Hunter-Lab	55.4298, -8.5964, 17.6083

Details

The YUV color $148.3260, -17.9087, 4.0991$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $116.6740, 17.9087, -4.0991$, and the grayscale version is $148.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $202.3970, -18.9297, 4.9138$, and $97.3690, -16.4509, 3.1844$ is the 20% darker color. If you saturate the color by 10%, you get $146.6160, -24.4607, 5.5988$, and if you desaturate by 10%, it is $150.0360, -11.3567, 2.5994$.

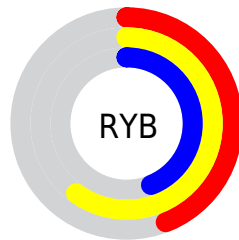
Distribution



Red (60%)

Green (60%)

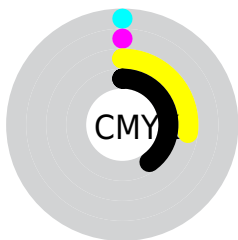
Blue (44%)



Red (44%)

Yellow (60%)

Blue (44%)

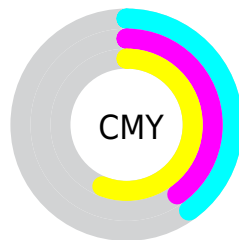


Cyan (0%)

Magenta (0%)

Yellow (27%)

Black (40%)



Cyan (40%)

Magenta (40%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.3260, -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 148.3260, -17.9087, 4.0991 by changing the saturation by 10% instead.

■ 148.3260,
-17.9087, 4.0991

■ 148.3260,
-17.9087, 4.0991

■ 255.0000, 0.0000,
0.0000

■ 122.4400,
-17.4719, 3.9991

■ 202.3970,
-18.9297, 4.9138

■ 97.3690, -16.4509,
3.1844

■ 230.2830,
-19.3665, 5.0138

■ 73.4830, -16.0141,
3.0844

■ 250.8960,
-15.7247, 3.5992

■ 50.4120, -14.9931,
2.2697

■ 254.2020, -3.0576,
0.6998

■ 29.8250, -14.7037,
2.7845

■ 7.6310, -3.7621,
-6.6924

■ 0.0000, 0.0000,

0.0000

■ 148.3260,
-17.9087, 4.0991

■ 148.3260,
-17.9087, 4.0991

■ 146.6160,
-24.4607, 5.5988

■ 150.0360,
-11.3567, 2.5994

■ 144.7920,
-31.4495, 7.1984

■ 151.8600, -4.3680,
0.9998

■ 143.0820,
-38.0014, 8.6981

■ 153.5700, 2.1840,
-0.4999

■ 141.3720,
-44.5534, 10.1978

■ 155.2800, 8.7360,
-1.9996

■ 139.5480,
-51.5422, 11.7974

■ 157.1040, 15.7247,
-3.5992

■ 137.8380,
-58.0941, 13.2971

■ 158.8140, 22.2767,
-5.0989

■ 136.1280,
-64.6461, 14.7967

■ 160.5240, 28.8287,
-6.5985

■ 135.5580,
-66.8301, 15.2966

■ 162.2340, 35.3806,
-8.0982

■ 164.0580, 42.3694,
-9.6979

Harmonies

Analogous

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



150.1970, -18.8311, 19.9982



148.3260, -17.9087, 4.0991



145.6380, -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.



148.3260, -17.9087, 4.0991



142.8450, 18.3174, -41.9601



153.9740, 2.9708, 27.2098

Complementary

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



148.3260, -17.9087, 4.0991



116.6740, 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.



153.2910, 12.1815, 12.8998



148.3260, -17.9087, 4.0991



146.9160, 20.7474, -27.9903

Square

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



148.3260, -17.9087, 4.0991



141.3690, 10.1711, -42.4196



151.1790, 18.6458, -7.1730



153.0860, -6.9444, 34.1276

Rectangle

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



148.3260, -17.9087, 4.0991



144.2820, -4.5760, -25.6803



151.1790, 18.6458, -7.1730



154.0490, 5.8918, 23.6360

Sweetspot

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



148.3260, -17.9087, 4.0991



197.1760, -6.9888, 1.5996



124.2590, -6.0437, 25.2059



97.9740, -3.9312, 0.8998



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



148.3260, -17.9087, 4.0991



191.7040, -27.9551, 6.3986



142.3460, -14.9606, -8.1964



76.0880, -3.4944, 0.7998



124.0400, -61.1517, 13.9969



11.5180, -5.6784, 1.2997

Inverse Universe

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



116.6740, 17.9087, -4.0991



142.2960, 27.9551, -6.3986



122.9530, 14.8132, 8.8112



69.9120, 3.4944, -0.7998



15.9600, 61.1517, -13.9969



1.4820, 5.6784, -1.2997

Previews

White Background



This preview shows how the YUV color 148.3260, -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 148.3260, -17.9087, 4.0991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

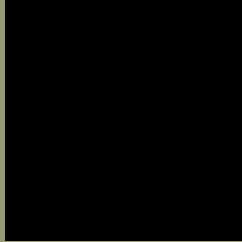
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 148.3260, -17.9087, 4.0991

Background



This preview shows how black text looks on a background with the YUV color 148.3260, -17.9087, 4.0991.



This preview shows how white text looks on a background with the YUV color 148.3260, -17.9087, 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

148.3260, -17.9087, 4.0991

Protanopia

148.8430, -18.6566, 10.6617

Deuteranopia

150.4470, -17.9684, 23.2870



Tritanopia

151.8420, 3.0359, 6.2776

Trichromacy



Original Color

148.3260, -17.9087, 4.0991

Protanomaly

148.5330, -18.5038, 8.3026

Deuteranomaly

149.4030, -17.9467, 16.3096

Tritanomaly

150.4800, -4.6736, 5.7180

Monochromacy



Original Color

148.3260, -17.9087, 4.0991

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

148.2900, -6.5520, 1.4997

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.3260, -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(153, 153, 112)` looks like.

```
.text, #text, p{  
    color:rgb(153, 153, 112)  
}
```

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(153, 153, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 153, 112) }
```

Border

The CSS property to change the border of an element to YUV 148.3260, -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(153, 153, 112) }
```


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

```
.border{ border-color:rgb(153, 153, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 153, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 153, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 153, 112);  
box-shadow:4px 4px 4px 4px rgb(153, 153,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 148.3260, -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(153, 153, 112) }
```

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

```
.background{ background-color: rgb(153,  
153, 112) }
```

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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