

Converting Colors

YUV(149.8720, 7.4581,
-12.1657)

Have a look what the booklet for
YUV(149.8720, 7.4581, -12.1657)
contains.

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Color

**YUV(149.8720, 7.4581,
-12.1657)**

Conversions

Conversions Part 1

Format	Color
Hex	889AA5
RGB	136, 154, 165
RGB Percent	53%, 60%, 65%
CMY	0.4667, 0.3961, 0.3529
CMYK	0.18, 0.07, 0.00, 0.35
HSL	203°, 14%, 59%
HSV	203°, 18%, 65%
XYZ	28.5005, 31.0621, 40.0908
YIQ	149.8720, -14.2590, -0.3950

Conversions

Conversions Part 2

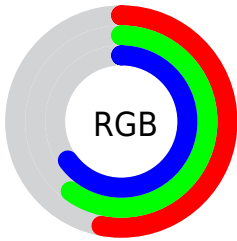
Format	Color
RYB	136, 147, 165
Decimal	8952485
CIELab	62.56, -3.96, -7.90
CIElCh	63, 8.836, 243.391
Yxy	31.0621, 0.2860, 0.3117
Android (android.graphics.Color)	4287142565 (0xFF889AA5)
YUV	149.8720, 7.4581, -12.1657
Hunter-Lab	55.7333, -6.2534, -3.6358

Details

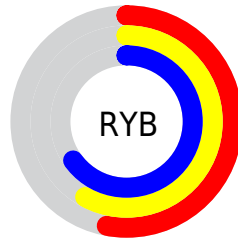
The YUV color **149.8720, 7.4581, -12.1657** is a light color, and the websafe version is hex **999999**. A complement of this color would be **151.1280, -7.4581, 12.1657**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.9860, 7.8949, -12.2657**, and **99.0570, 6.8739, -11.4510** is the 20% darker color. If you saturate the color by 10%, you get **141.2670, 11.7004, -19.5282**, and if you desaturate by 10%, it is **158.1780, 3.3632, -5.4181**.

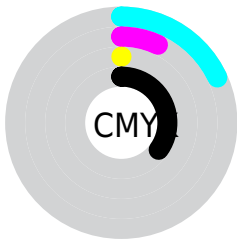
Distribution



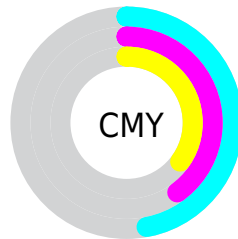
- Red (53%)
- Green (60%)
- Blue (65%)



- Red (53%)
- Yellow (58%)
- Blue (65%)



- Cyan (18%)
- Magenta (7%)
- Yellow (0%)
- Black (35%)



- Cyan (47%)
- Magenta (40%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.8720, 7.4581, -12.1657 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 149.8720, 7.4581, -12.1657 by changing the saturation by 10% instead.

■ 149.8720, 7.4581,
-12.1657

■ 149.8720, 7.4581,
-12.1657

■ 255.0000, 0.0000,
0.0000

■ 123.8720, 7.4581,
-12.1657

■ 203.9860, 7.8949,
-12.2657

■ 99.0570, 6.8739,
-11.4510

■ 232.2740, 7.7529,
-13.3953

■ 75.0570, 6.8739,
-11.4510

■ 252.3090, 1.3267,
-5.5330

■ 52.2420, 6.2897,
-10.7362

■ 30.8290, 6.0003,
-11.2510

■ 10.2530, 6.2843,
-8.9919

■ 0.0000, 0.0000,

0.0000

■ 149.8720, 7.4581,
-12.1657

■ 149.8720, 7.4581,
-12.1657

■ 141.2670, 11.7004,
-19.5282

■ 158.1780, 3.3632,
-5.4181

■ 132.3740, 16.0846,
-25.7610

■ 167.3700, -1.1684,
1.4295

■ 123.7690, 20.3269,
-33.1234

■ 175.9750, -5.4107,
8.7919

■ 115.4630, 24.4217,
-39.8711

■ 184.2810, -9.5055,
15.5396

■ 106.8580, 28.6640,
-47.2335

■ 192.5870,
-13.6004, 22.2872

■ 97.9650, 33.0483,
-53.4663

■ 201.7790,
-18.1320, 29.1348

■ 89.6590, 37.1431,
-60.2139

■ 210.0850,
-22.2269, 35.8825

■ 81.0540, 41.3854,
-67.5764

■ 214.8030,
-24.5529, 35.2528

■ 78.6840, 42.5538,
-69.0059

■ 218.3250,
-26.2892, 32.1640

Harmonies

Analogous

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



149.2800, 5.2850, -15.1546



149.8720, 7.4581, -12.1657



151.3180, 7.7312, -6.4179

Triad

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



149.8720, 7.4581, -12.1657



153.1480, -1.0590, 13.0252



149.7950, -5.8149, -1.5742

Complementary

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



149.8720, 7.4581, -12.1657



151.1280, -7.4581, 12.1657

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.



151.0840, -7.4364, 5.1883



149.8720, 7.4581, -12.1657



152.8230, -4.8427, 13.3102

Square

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



149.8720, 7.4581, -12.1657



153.0380, 2.4463, 8.7367



151.6440, -6.7265, 10.8362



148.9620, -2.4463, -8.7367

Rectangle

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



149.8720, 7.4581, -12.1657



152.1230, 6.8414, -0.9849



151.6440, -6.7265, 10.8362



150.5780, -6.6940, 0.3701

Sweetspot

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



149.8720, 7.4581, -12.1657



208.3630, 2.7790, -4.7034



154.2770, -3.5876, -16.0289



104.0320, 1.4632, -2.6591



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



149.8720, 7.4581, -12.1657



190.5660, 11.5530, -18.9134



141.6540, 11.5096, -4.9586



77.5480, 2.1948, -3.9886



69.3600, 37.2905, -60.8287



8.5090, 4.6791, -7.4624

Inverse Universe

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



146.7230, 3.5876, 16.0289



185.6470, 5.5970, 24.8656



159.3460, -11.5096, 4.9586



76.3750, 1.2941, 4.9331



53.6150, 17.9378, 80.1446



6.6360, 2.1515, 9.9662

Previews

White Background



This preview shows how the YUV color 149.8720, 7.4581, -12.1657 looks on a white background.

Color Contrast Check

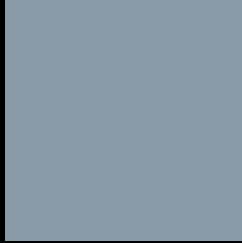
Large Text (above 18pt) WCAG AA × Fail

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 149.8720, 7.4581, -12.1657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

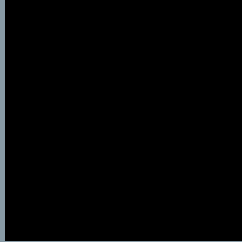
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

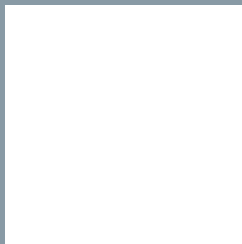
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 149.8720, 7.4581, -12.1657

Background



This preview shows how black text looks on a background with the YUV color 149.8720, 7.4581, -12.1657.



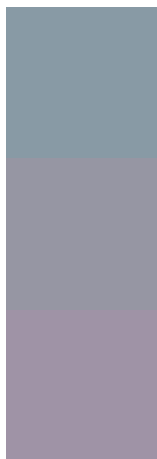
This preview shows how white text looks on a background with the YUV color 149.8720, 7.4581, -12.1657.

-12.1657.

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

149.8720, 7.4581, -12.1657

Protanopia

151.4820, 5.6784, -1.2997

Deuteranopia

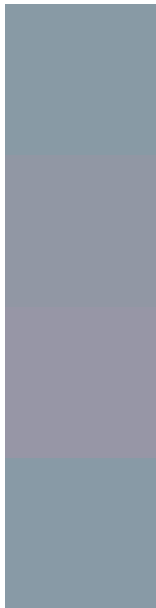
152.7540, 6.5303, 5.4777



Tritanopia

149.9860, 7.8949, -12.2657

Trichromacy



Original Color

149.8720, 7.4581, -12.1657

Protanomaly

150.6880, 6.5628, -4.9884

Deuteranomaly

152.1230, 6.8414, -0.9849

Tritanomaly

149.9860, 7.8949, -12.2657

Monochromacy



Original Color

149.8720, 7.4581, -12.1657

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

149.6620, 2.6316, -4.0886

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.8720, 7.4581, -12.1657 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(136, 154, 165)` looks like.

```
.text, #text, p{  
    color:rgb(136, 154, 165)  
}
```

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(136, 154, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 154, 165) }
```

Border

The CSS property to change the border of an element to YUV 149.8720, 7.4581, -12.1657 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(136, 154, 165) }
```


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

```
.border{ border-color:rgb(136, 154, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 154, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 154, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 154, 165);  
box-shadow:4px 4px 4px 4px rgb(136, 154,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 149.8720, 7.4581, -12.1657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 154, 165) }
```

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

```
.background{ background-color: rgb(136,  
154, 165) }
```

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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