

Converting Colors

YUV(172.5290, -12.5858,
-23.2659)

Have a look what the booklet for
YUV(172.5290, -12.5858, -23.2659)
contains.

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Color

**YUV(172.5290, -12.5858,
-23.2659)**

Conversions

Conversions Part 1

Format	Color
Hex	92BF93
RGB	146, 191, 147
RGB Percent	57%, 75%, 58%
CMY	0.4275, 0.2510, 0.4235
CMYK	0.24, 0.00, 0.23, 0.25
HSL	121°, 26%, 66%
HSV	121°, 24%, 75%
XYZ	35.7513, 45.4792, 34.4978
YIQ	172.5290, -12.6960, -23.2240

Conversions

Conversions Part 2

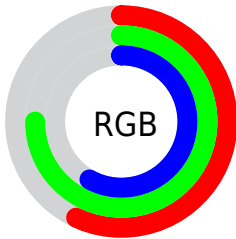
Format	Color
RYB	146, 190, 191
Decimal	9617299
CIELab	73.21, -23.58, 17.46
CIELCh	73, 29.341, 143.485
Yxy	45.4792, 0.3089, 0.3930
Android (android.graphics.Color)	4287807379 (0xFF92BF93)
YUV	172.5290, -12.5858, -23.2659
Hunter-Lab	67.4383, -23.3880, 16.8772

Details

The YUV color **172.5290, -12.5858, -23.2659** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **164.4710, 12.5858, 23.2659**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.5890, -13.6014, -24.1956**, and **119.4690, -11.5702, -22.3363** is the 20% darker color. If you saturate the color by 10%, you get **164.6820, -18.0842, -33.0471**, and if you desaturate by 10%, it is **180.3760, -7.0874, -13.4848**.

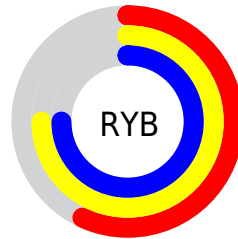
Distribution



Red (57%)

Green (75%)

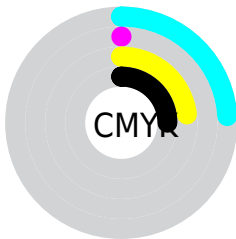
Blue (58%)



Red (57%)

Yellow (75%)

Blue (75%)

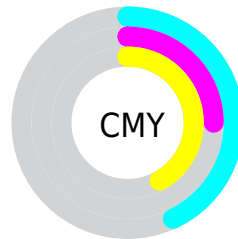


Cyan (24%)

Magenta (0%)

Yellow (23%)

Black (25%)



Cyan (43%)

Magenta (25%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.5290, -12.5858, -23.2659 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 172.5290, -12.5858, -23.2659 by changing the saturation by 10% instead.

■ 172.5290,
-12.5858, -23.2659

■ 172.5290,
-12.5858, -23.2659

255.0000, 0.0000,
0.0000

■ 145.9420,
-12.2964, -22.7511

■ 228.5890,
-13.6014, -24.1956

■ 119.4690,
-11.5702, -22.3363

■ 244.2620, -7.5242,
-13.3848

■ 94.8820, -11.2808,
-21.8215

■ 70.4090, -10.5546,
-21.4067

■ 46.7510, -9.2442,
-21.7066

■ 24.5230, -10.1178,
-21.5067

■ 11.1530, -5.4984,

-9.7812

■ 0.0000, 0.0000,
0.0000

■ 172.5290,
-12.5858, -23.2659

■ 172.5290,
-12.5858, -23.2659

■ 164.6820,
-18.0842, -33.0471

■ 180.3760, -7.0874,
-13.4848

■ 156.9490,
-23.1459, -42.9283

■ 188.1090, -2.0257,
-3.6036

■ 149.1020,
-28.6443, -52.7095

■ 195.9560, 3.4727,
6.1776

■ 141.2550,
-34.1427, -62.4906

■ 203.8030, 8.9711,
15.9588

■ 133.2230,
-39.0569, -72.9866

■ 211.5360, 14.0328,
25.8399

■ 125.3760,
-44.5554, -82.7678

■ 217.4320, 18.5210,
32.9471

■ 117.5290,
-50.0538, -92.5489

■ 112.5730,
-53.5265, -98.7265

Harmonies

Analogous

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



176.3380, -22.8446, 0.5806



172.5290, -12.5858, -23.2659



168.2840, 2.3250, -45.8531

Triad

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



172.5290, -12.5858, -23.2659



175.5330, 28.3312, -33.7934



182.7130, -11.1975, 44.9787

Complementary

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



172.5290, -12.5858, -23.2659



164.4710, 12.5858, 23.2659

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.



183.7090, 1.6225, 39.7202



172.5290, -12.5858, -23.2659



181.4550, 23.4397, -4.7840

Square

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



172.5290, -12.5858, -23.2659



168.8200, 26.2177, -55.9701



184.1010, 13.7542, 21.8364



181.0360, -21.2167, 38.5564

Rectangle

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



172.5290, -12.5858, -23.2659



166.4380, 12.1091, -57.3891



184.1010, 13.7542, 21.8364



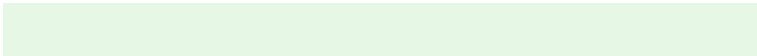
183.0380, -7.4137, 44.6937

Sweetspot

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



172.5290, -12.5858, -23.2659



239.9790, -4.9196, -8.7516



185.5710, -19.5085, 3.8842



120.8700, -2.8939, -5.1480



252.0000, 0.0000, 0.0000



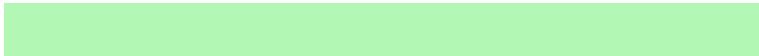
125.0000, 0.0000, 0.0000

Same Dimension

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



172.5290, -12.5858, -23.2659



218.7310, -19.0944, -35.7211



175.0370, -2.9762, -25.4654



90.2830, -2.6045, -4.6332



93.2020, -43.9766, -81.7382



18.3110, -8.5343, -16.0587

Inverse Universe

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



164.4710, 12.5858, 23.2659



206.3830, 19.5312, 35.6211



161.9630, 2.9762, 25.4654



88.7170, 2.6045, 4.6332



64.9120, 44.4134, 81.6382



12.6890, 8.5343, 16.0587

Previews

White Background



This preview shows how the YUV color 172.5290, -12.5858, -23.2659 looks on a white background.

Color Contrast Check

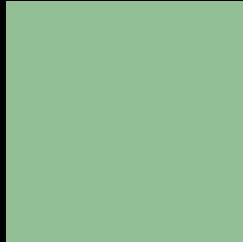
Large Text (above 18pt) WCAG AA × Fail

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 172.5290, -12.5858, -23.2659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

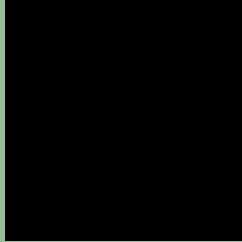
Any Text WCAG AA ✓ Pass

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 172.5290, -12.5858, -23.2659 Background



This preview shows how black text looks on a background with the YUV color 172.5290, -12.5858, -23.2659.



This preview shows how white text looks on a background with the YUV color 172.5290, -12.5858, -23.2659.

-23.2659.

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

172.5290, -12.5858, -23.2659

Protanopia

178.2560, -18.3672, 11.1765

Deuteranopia

179.7720, -14.1846, 23.0020



Tritanopia

177.0390, 10.8268, -19.3282

Trichromacy



Original Color

172.5290, -12.5858, -23.2659

Protanomaly

176.0480, -16.2927, -0.9191

Deuteranomaly

177.1890, -13.4042, 5.9732

Tritanomaly

175.7370, 2.1017, -20.8173

Monochromacy



Original Color

172.5290, -12.5858, -23.2659

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

173.0930, -4.4828, -8.8516

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.5290, -12.5858, -23.2659 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(146, 191, 147)` looks like.

```
.text, #text, p{  
    color:rgb(146, 191, 147)  
}
```

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(146, 191, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 191, 147) }
```

Border

The CSS property to change the border of an element to YUV 172.5290, -12.5858, -23.2659 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(146, 191, 147) }
```


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

```
.border{ border-color:rgb(146, 191, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 191, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 191, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 191, 147); box-shadow:4px 4px 4px 4px rgb(146, 191, 147) }
```

Background

The CSS property to change the background color of an element to YUV 172.5290, -12.5858, -23.2659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 191, 147) }
```

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

```
.background{ background-color: rgb(146,  
191, 147) }
```

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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