

Converting Colors

YUV(174.7110, -12.1825,
-59.3825)

Have a look what the booklet for
YUV(174.7110, -12.1825, -59.3825)
contains.

YUV(174.7110, -12.1825, -59.3825)	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(174.7110, -12.1825,
-59.3825)**

Conversions

Conversions Part 1

Format	Color
Hex	6BD696
RGB	107, 214, 150
RGB Percent	42%, 84%, 59%
CMY	0.5804, 0.1608, 0.4118
CMYK	0.50, 0.00, 0.30, 0.16
HSL	144°, 57%, 63%
HSV	144°, 50%, 84%
XYZ	35.6150, 53.4209, 37.2883
YIQ	174.7110, -43.2280, -42.5880

Conversions

Conversions Part 2

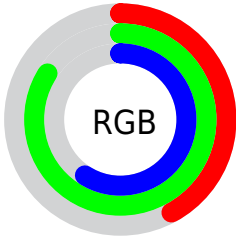
Format	Color
RYB	107, 183, 214
Decimal	7067286
CIELab	78.12, -45.23, 22.35
CIELCh	78, 50.455, 153.701
Yxy	53.4209, 0.2819, 0.4229
Android (android.graphics.Color)	4285257366 (0xFF6BD696)
YUV	174.7110, -12.1825, -59.3825
Hunter-Lab	73.0896, -40.9277, 20.9146

Details

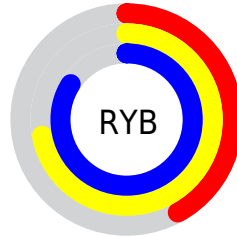
The YUV color **174.7110, -12.1825, -59.3825** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **146.2890, 12.1825, 59.3825**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.9770, -8.8627, -50.8458**, and **117.7860, -9.2615, -62.9563** is the 20% darker color. If you saturate the color by 10%, you get **166.9500, -14.7653, -70.9931**, and if you desaturate by 10%, it is **182.4720, -9.5997, -47.7719**.

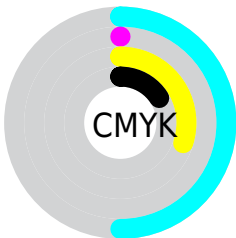
Distribution



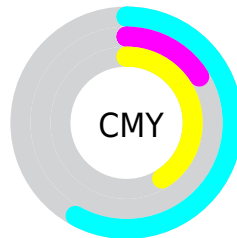
- Red (42%)
- Green (84%)
- Blue (59%)



- Red (42%)
- Yellow (72%)
- Blue (84%)



- Cyan (50%)
- Magenta (0%)
- Yellow (30%)
- Black (16%)



- Cyan (58%)
- Magenta (16%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.7110, -12.1825, -59.3825 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 174.7110, -12.1825, -59.3825 by changing the saturation by 10% instead.

■ 174.7110,
-12.1825, -59.3825

■ 174.7110,
-12.1825, -59.3825

255.0000, 0.0000,
0.0000

■ 146.6400,
-11.1615, -60.1973

■ 221.9770, -8.8627,
-50.8458

■ 117.7860, -9.2615,
-62.9563

■ 233.9540, -0.4703,
-35.9167

■ 86.0340, -5.4398,
-75.4518

■ 245.1330, 4.8644,
-20.2876

■ 68.0360, -8.3987,
-59.6676

254.1030, 0.4422,
-1.8443

■ 50.8530, -10.7735,
-44.5981

■ 34.1430, -13.8745,
-29.9434

■ 20.5450, -10.1287,

-18.0180

■ 0.0000, 0.0000,
0.0000

■ 174.7110,
-12.1825, -59.3825

■ 174.7110,
-12.1825, -59.3825

■ 166.9500,
-14.7653, -70.9931

■ 182.4720, -9.5997,
-47.7719

■ 158.8900,
-17.2008, -83.2185

■ 190.5320, -7.1643,
-35.5466

■ 151.2430,
-19.3468, -94.9291

■ 198.1790, -5.0182,
-23.8360

■ 143.1830,
-21.7822, -107.1545

■ 206.2390, -2.5828,
-11.6106

■ 135.4220,
-24.3650, -118.7651

■ 214.0000, 0.0000,
0.0000

■ 221.7610, 2.5828,
11.6106

■ 229.2230, 5.3131,
22.6064

■ 230.5910, 10.5546,
21.4067

■ 230.9330, 11.8650,
21.1068

Harmonies

Analogous

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



183.7370, -34.8733, -14.6783



174.7110, -12.1825, -59.3825



149.9510, 23.6882, -131.5070

Triad

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



174.7110, -12.1825, -59.3825



182.0950, 35.9422, -48.3183



187.1680, -21.2818, 59.4887

Complementary

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



174.7110, -12.1825, -59.3825



146.2890, 12.1825, 59.3825

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.



188.7760, 0.1104, 58.0784



174.7110, -12.1825, -59.3825



195.4380, 29.3641, 8.3859

Square

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



174.7110, -12.1825, -59.3825



151.7530, 50.9008, -133.0874



198.2430, 18.6142, 49.7759



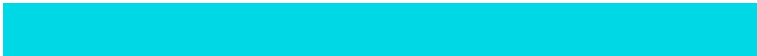
192.0970, -40.4738, 55.1659

Rectangle

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



174.7110, -12.1825, -59.3825



153.4850, 37.2289, -134.6063



198.2430, 18.6142, 49.7759



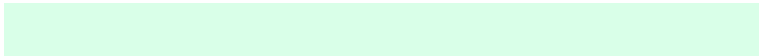
186.4160, -14.0091, 60.1482

Sweetspot

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



174.7110, -12.1825, -59.3825



241.0160, -4.4449, -21.0620



188.9450, -40.3989, -15.7378



119.5270, -2.7248, -12.7402



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.



174.7110, -12.1825, -59.3825



198.7650, -17.6321, -84.8629



180.7530, 10.9678, -64.6814



103.0270, -0.9993, -6.1627



108.2430, -19.3468, -94.9291



27.1790, -5.0182, -23.8360

Inverse Universe

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



146.2890, 12.1825, 59.3825



158.2350, 17.6321, 84.8629



140.2470, -10.9678, 64.6814



100.0870, 1.4361, 6.0627



62.7570, 19.3468, 94.9291



15.8210, 5.0182, 23.8360

Previews

White Background



This preview shows how the YUV color 174.7110, -12.1825, -59.3825 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 174.7110, -12.1825, -59.3825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

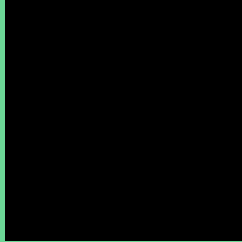
Any Text WCAG AA ✓ Pass

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 174.7110, -12.1825, -59.3825 Background



This preview shows how black text looks on a background with the YUV color 174.7110, -12.1825, -59.3825.



This preview shows how white text looks on a background with the YUV color 174.7110, -12.1825, -59.3825.

-59.3825.

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

174.7110, -12.1825, -59.3825

Protanopia

190.2580, -24.7772, 13.8057

Deuteranopia

192.4690, -17.9792, 26.7757



Tritanopia

182.9040, 18.7813, -50.7818

Trichromacy



Original Color

174.7110, -12.1825, -59.3825



Protanomaly

184.6460, -20.0385, -12.8445



Deuteranomaly

186.1400, -15.8450, -4.5078



Tritanomaly

179.6080, 7.5883, -54.0302

Monochromacy



Original Color

174.7110, -12.1825, -59.3825



Achromatopsia

175.0000, 0.0000, 0.0000



Achromatomaly

174.7170, -4.2975, -21.6768

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.7110, -12.1825, -59.3825 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(107, 214, 150)` looks like.

```
.text, #text, p{  
    color:rgb(107, 214, 150)  
}
```

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(107, 214, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 214, 150) }
```

Border

The CSS property to change the border of an element to YUV 174.7110, -12.1825, -59.3825 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(107, 214, 150) }
```


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

```
.border{ border-color:rgb(107, 214, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 214, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 214, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 214, 150);  
box-shadow:4px 4px 4px 4px rgb(107, 214,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 174.7110, -12.1825, -59.3825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 214, 150) }
```

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

```
.background{ background-color: rgb(107,  
214, 150) }
```

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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