

Converting Colors

YUV(172.8620, 12.3930,
-55.1300)

Have a look what the booklet for
YUV(172.8620, 12.3930, -55.1300)
contains.

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Color

**YUV(172.8620, 12.3930,
-55.1300)**

Conversions

Conversions Part 1

Format	Color
Hex	6EC8C6
RGB	110, 200, 198
RGB Percent	43%, 78%, 78%
CMY	0.5686, 0.2157, 0.2235
CMYK	0.45, 0.00, 0.01, 0.22
HSL	179°, 45%, 61%
HSV	179°, 45%, 78%
XYZ	37.2777, 48.7008, 60.8615
YIQ	172.8620, -52.9980, -19.7020

Conversions

Conversions Part 2

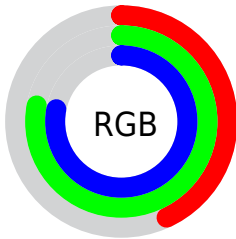
Format	Color
RYB	110, 156, 200
Decimal	7260358
CIELab	75.26, -27.39, -7.40
CIElCh	75, 28.370, 195.112
Yxy	48.7008, 0.2539, 0.3317
Android (android.graphics.Color)	4285450438 (0xFF6EC8C6)
YUV	172.8620, 12.3930, -55.1300
Hunter-Lab	69.7859, -26.7756, -2.8577

Details

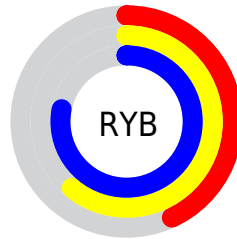
The YUV color **172.8620, 12.3930, -55.1300** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **137.1380, -12.3930, 55.1300**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.6880, 12.9718, -54.1004**, and **117.3670, 13.1301, -58.2039** is the 20% darker color. If you saturate the color by 10%, you get **166.8820, 15.3412, -67.4255**, and if you desaturate by 10%, it is **178.8420, 9.4449, -42.8344**.

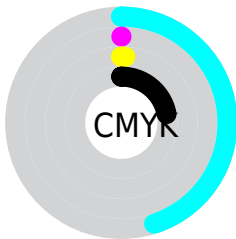
Distribution



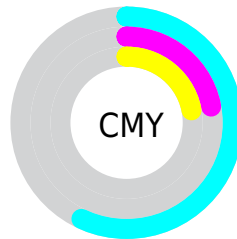
- Red (43%)
- Green (78%)
- Blue (78%)



- Red (43%)
- Yellow (61%)
- Blue (78%)



- Cyan (45%)
- Magenta (0%)
- Yellow (1%)
- Black (22%)



- Cyan (57%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.8620, 12.3930, -55.1300 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 172.8620, 12.3930, -55.1300 by changing the saturation by 10% instead.

■ 172.8620, 12.3930,
-55.1300

■ 172.8620, 12.3930,
-55.1300

255.0000, 0.0000,
0.0000

■ 144.6770, 12.9772,
-55.8447

■ 228.6880, 12.9718,
-54.1004

■ 117.3670, 13.1301,
-58.2039

■ 237.3590, 8.6970,
-36.2718

■ 86.0990, 16.2202,
-69.3698

■ 246.0300, 4.4222,
-18.4433

■ 66.4810, 13.5669,
-58.3038

■ 49.0700, 10.3185,
-43.0344

■ 33.0610, 7.3649,
-28.9945

■ 19.5140, 3.6906,

-17.1138

■ 0.0000, 0.0000,
0.0000

■ 172.8620, 12.3930,
-55.1300

■ 172.8620, 12.3930,
-55.1300

■ 166.8820, 15.3412,
-67.4255

■ 178.8420, 9.4449,
-42.8344

■ 160.7880, 17.8525,
-79.6211

■ 184.9360, 6.9336,
-30.6389

■ 154.8080, 20.8007,
-91.9166

■ 190.9160, 3.9854,
-18.3433

■ 148.7140, 23.3120,
-104.1122

■ 197.0100, 1.4741,
-6.1478

■ 142.7340, 26.2601,
-116.4077

■ 202.9900, -1.4741,
6.1478

■ 139.7440, 27.7342,
-122.5555

■ 209.0840, -3.9854,
18.3433

■ 215.0640, -6.9336,
30.6389

■ 216.6730, -7.2338,
33.6128

Harmonies

Analogous

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



175.7750, -2.3541, -38.3907



172.8620, 12.3930, -55.1300



174.3100, 23.0182, -56.3999

Triad

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



172.8620, 12.3930, -55.1300



189.0400, 16.2493, 14.8739



185.0470, -24.6732, 27.1458

Complementary

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



172.8620, 12.3930, -55.1300



137.1380, -12.3930, 55.1300

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.



187.0300, -18.7488, 40.3157



172.8620, 12.3930, -55.1300



189.7730, 4.5489, 34.4021

Square

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



172.8620, 12.3930, -55.1300



185.4540, 24.9192, -12.6762



188.3260, -7.5557, 43.5641



182.8550, -23.5925, 7.1432

Rectangle

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



172.8620, 12.3930, -55.1300



177.4020, 26.9168, -46.8336



188.3260, -7.5557, 43.5641



185.8350, -23.0897, 32.5937

Sweetspot

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



172.8620, 12.3930, -55.1300



244.1220, 4.8699, -22.0320



163.7270, -26.4874, -44.4876



121.3080, 2.8062, -13.4251



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.



172.8620, 12.3930, -55.1300



213.3960, 19.0318, -84.5393



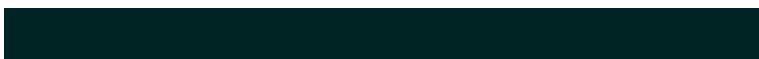
148.4360, 25.4211, -33.7084



96.3090, 1.3267, -5.5330



113.9210, 22.7169, -99.9087



25.1220, 4.8699, -22.0320

Inverse Universe

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



137.1380, -12.3930, 55.1300



158.6040, -19.0318, 84.5393



161.5640, -25.4211, 33.7084



92.6910, -1.3267, 5.5330



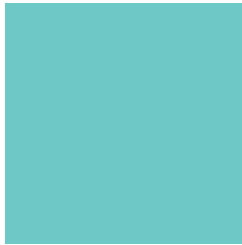
49.1930, -22.2801, 99.8087



10.8780, -4.8699, 22.0320

Previews

White Background



This preview shows how the YUV color 172.8620, 12.3930, -55.1300 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 172.8620, 12.3930, -55.1300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

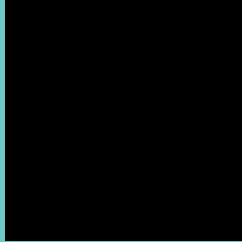
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 172.8620, 12.3930, -55.1300

Background



This preview shows how black text looks on a background with the YUV color 172.8620, 12.3930, -55.1300.



This preview shows how white text looks on a background with the YUV color 172.8620, 12.3930, -55.1300.

-55.1300.

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

172.8620, 12.3930, -55.1300

Protanopia

184.4670, 1.7418, 1.3444

Deuteranopia

186.1070, 7.8352, 6.9222



Tritanopia

175.0070, 19.2235, -52.6261

Trichromacy



Original Color

172.8620, 12.3930, -55.1300

Protanomaly

180.0730, 5.8800, -19.3580

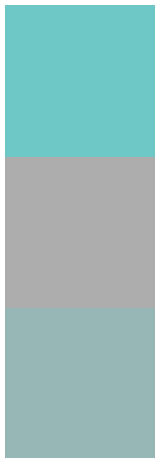
Deuteranomaly

181.4200, 9.6529, -16.1543

Tritanomaly

174.3120, 16.6082, -53.7706

Monochromacy



Original Color

172.8620, 12.3930, -55.1300

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

173.0190, 4.4276, -20.1877

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.8620, 12.3930, -55.1300 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(110, 200, 198)` looks like.

```
.text, #text, p{  
    color:rgb(110, 200, 198)  
}
```

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(110, 200, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 200, 198) }
```

Border

The CSS property to change the border of an element to YUV 172.8620, 12.3930, -55.1300 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(110, 200, 198) }
```


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

```
.border{ border-color:rgb(110, 200, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 200, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 200, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 200, 198);  
box-shadow:4px 4px 4px 4px rgb(110, 200,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 172.8620, 12.3930, -55.1300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 200, 198) }
```

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

```
.background{ background-color: rgb(110,  
200, 198) }
```

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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