

Converting Colors

YUV(128.2210, -5.5320,
-45.7978)

Have a look what the booklet for
YUV(128.2210, -5.5320, -45.7978)
contains.

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Color

**YUV(128.2210, -5.5320,
-45.7978)**

Conversions

Conversions Part 1

Format	Color
Hex	4C9D75
RGB	76, 157, 117
RGB Percent	30%, 62%, 46%
CMY	0.7020, 0.3843, 0.5412
CMYK	0.52, 0.00, 0.25, 0.38
HSL	150°, 35%, 46%
HSV	150°, 52%, 62%
XYZ	18.2483, 26.9348, 21.0668
YIQ	128.2210, -35.4360, -29.6120

Conversions

Conversions Part 2

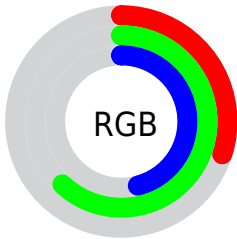
Format	Color
RYB	76, 130, 157
Decimal	5021045
CIELab	58.91, -34.46, 13.49
CIElCh	59, 37.004, 158.626
Yxy	26.9348, 0.2754, 0.4066
Android (android.graphics.Color)	4283211125 (0xFF4C9D75)
YUV	128.2210, -5.5320, -45.7978
Hunter-Lab	51.8987, -28.0596, 12.2621

Details

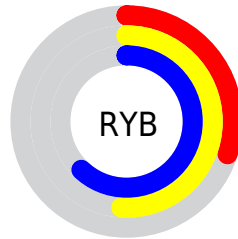
The YUV color **128.2210, -5.5320, -45.7978** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **104.7790, 5.5320, 45.7978**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.5800, -6.6949, -46.1127**, and **73.6870, -2.3107, -52.3455** is the 20% darker color. If you saturate the color by 10%, you get **122.5250, -6.6678, -54.8344**, and if you desaturate by 10%, it is **133.9170, -4.3961, -36.7612**.

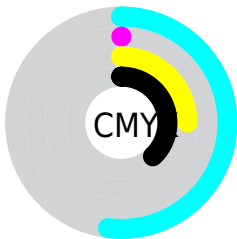
Distribution



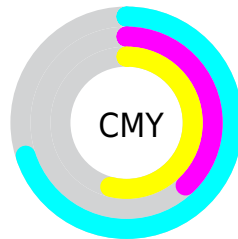
- Red (30%)
- Green (62%)
- Blue (46%)



- Red (30%)
- Yellow (51%)
- Blue (62%)



- Cyan (52%)
- Magenta (0%)
- Yellow (25%)
- Black (38%)



- Cyan (70%)
- Magenta (38%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.2210, -5.5320, -45.7978 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 128.2210, -5.5320, -45.7978 by changing the saturation by 10% instead.

■ 128.2210, -5.5320,
-45.7978

■ 128.2210, -5.5320,
-45.7978

■ 255.0000, 0.0000,
0.0000

■ 101.7370, -4.8003,
-47.1273

■ 182.5800, -6.6949,
-46.1127

■ 73.6870, -2.3107,
-52.3455

■ 211.0530, -7.4211,
-46.5275

■ 52.2040, -3.0586,
-45.7829

■ 230.8350, -3.3697,
-39.3203

■ 35.7220, -5.2859,
-31.3282

■ 242.8120, 5.0227,
-24.3911

■ 21.1320, -10.4181,
-18.5328

■ 251.7110, 1.6215,
-6.7625

■ 0.0000, 0.0000,
0.0000

■ 128.2210, -5.5320,
-45.7978

■ 128.2210, -5.5320,
-45.7978

■ 122.5250, -6.6678,
-54.8344

■ 133.9170, -4.3961,
-36.7612

■ 117.1280, -7.9511,
-63.2563

■ 139.3140, -3.1128,
-28.3394

■ 111.5460, -8.6502,
-72.3928

■ 144.8960, -2.4137,
-19.2028

■ 105.8500, -9.7860,
-81.4294

■ 150.5920, -1.2779,
-10.1662

■ 101.1650,
-10.9273, -88.7217

■ 156.2880, -0.1420,
-1.1296

■ 161.6850, 1.1413,
7.2923

■ 167.2670, 1.8404,
16.4288

■ 172.9630, 2.9762,

25.4654

■ 178.3600, 4.2595,
33.8873

Harmonies

Analogous

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



134.7660, -22.0696, -14.7038



128.2210, -5.5320, -45.7978



110.4330, 19.5065, -96.8497

Triad

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



128.2210, -5.5320, -45.7978



139.1300, 32.9669, -27.3010



142.5690, -19.5075, 50.3670

Complementary

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



128.2210, -5.5320, -45.7978



104.7790, 5.5320, 45.7978

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.



144.2500, -5.5462, 52.4008



128.2210, -5.5320, -45.7978



145.2550, 23.5383, 10.3004

Square

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



128.2210, -5.5320, -45.7978



123.3150, 38.7917, -75.6983



145.5870, 10.0636, 38.9502



141.2500, -29.2102, 35.7377

Rectangle

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



128.2210, -5.5320, -45.7978



112.3540, 29.4055, -98.5345



145.5870, 10.0636, 38.9502



142.7310, -15.1504, 52.8559

Sweetspot

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



128.2210, -5.5320, -45.7978



193.0210, -1.9824, -17.5584



135.8060, -29.4844, -16.4929



95.5920, -1.2779, -10.1662



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



128.2210, -5.5320, -45.7978



159.2580, -8.5082, -71.2633



132.7810, 11.9400, -49.7969



76.1520, -0.5679, -4.5183



92.1490, -9.9335, -80.8147



9.7170, -0.8465, -8.5218

Inverse Universe

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



104.7790, 5.5320, 45.7978



122.7420, 8.5082, 71.2633



100.2190, -11.9400, 49.7969



73.8480, 0.5679, 4.5183



50.8510, 9.9335, 80.8147



5.3970, 1.2833, 8.4218

Previews

White Background



This preview shows how the YUV color 128.2210, -5.5320, -45.7978 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 128.2210, -5.5320, -45.7978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

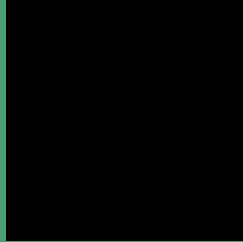
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 128.2210, -5.5320, -45.7978

Background



This preview shows how black text looks on a background with the YUV color 128.2210, -5.5320, -45.7978.



This preview shows how white text looks on a background with the YUV color 128.2210, -5.5320,

-45.7978.

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

128.2210, -5.5320, -45.7978

Protanopia

140.0430, -15.3042, 8.7323

Deuteranopia

141.8790, -9.8003, 16.7691



Tritanopia

133.8300, 14.3808, -39.3159

Trichromacy



Original Color

128.2210, -5.5320, -45.7978

Protanomaly

135.8340, -11.7502, -11.2554

Deuteranomaly

137.0780, -8.4195, -6.2074

Tritanomaly

131.5710, 7.1135, -41.7198

Monochromacy



Original Color

128.2210, -5.5320, -45.7978

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

128.3200, -2.1298, -16.9436

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.2210, -5.5320, -45.7978 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(76, 157, 117)` looks like.

```
.text, #text, p{  
    color:rgb(76, 157, 117)  
}
```

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(76, 157, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 157, 117) }
```

Border

The CSS property to change the border of an element to YUV 128.2210, -5.5320, -45.7978 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(76, 157, 117) }
```


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

```
.border{ border-color:rgb(76, 157, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 157, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 157, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 157, 117);  
box-shadow:4px 4px 4px 4px rgb(76, 157,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 128.2210, -5.5320, -45.7978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 157, 117) }
```

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

```
.background{ background-color: rgb(76, 157,  
117) }
```

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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