

Converting Colors

YUV(172.4540, -5.1538,
19.7728)

Have a look what the booklet for
YUV(172.4540, -5.1538, 19.7728)
contains.

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Color

**YUV(172.4540, -5.1538,
19.7728)**

Conversions

Conversions Part 1

Format	Color
Hex	C3A3A2
RGB	195, 163, 162
RGB Percent	76%, 64%, 64%
CMY	0.2353, 0.3608, 0.3647
CMYK	0.00, 0.16, 0.17, 0.24
HSL	2°, 22%, 70%
HSV	2°, 17%, 76%
XYZ	42.1245, 40.4051, 39.7612
YIQ	172.4540, 19.3930, 6.4730

Conversions

Conversions Part 2

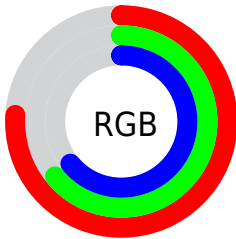
Format	Color
RYB	195, 163, 162
Decimal	12821410
CIELab	69.76, 11.57, 4.90
CIELCh	70, 12.567, 22.964
Yxy	40.4051, 0.3445, 0.3304
Android (android.graphics.Color)	4291011490 (0xFFC3A3A2)
YUV	172.4540, -5.1538, 19.7728
Hunter-Lab	63.5650, 7.0529, 7.4084

Details

The YUV color $172.4540, -5.1538, 19.7728$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $184.5460, 5.1538, -19.7728$, and the grayscale version is $172.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $228.0520, -5.4486, 21.0024$, and $119.8560, -4.8590, 18.5433$ is the 20% darker color. If you saturate the color by 10%, you get $159.1350, -7.9546, 31.4536$, and if you desaturate by 10%, it is $185.8870, -1.9163, 7.9921$.

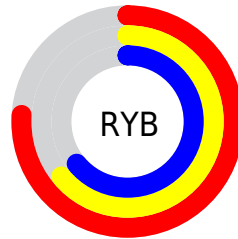
Distribution



Red (76%)

Green (64%)

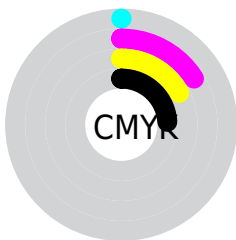
Blue (64%)



Red (76%)

Yellow (64%)

Blue (64%)

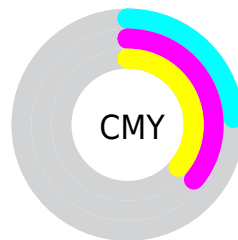


Cyan (0%)

Magenta (16%)

Yellow (17%)

Black (24%)



Cyan (24%)

Magenta (36%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YUV color 172.4540, -5.1538, 19.7728 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 172.4540, -5.1538, 19.7728 by changing the saturation by 10% instead.

 172.4540, -5.1538,
19.7728

 172.4540, -5.1538,
19.7728


255.0000, 0.0000,
0.0000


 146.1550, -5.0064,
19.1581

 228.0520, -5.4486,
21.0024


 119.8560, -4.8590,
18.5433

 248.5770, -1.7635,
5.6330

 95.2580, -4.5642,
17.3137

 71.0730, -3.9800,
16.5990

 48.4750, -3.6852,
15.3694

 27.5780, -3.2430,
13.5251

 6.8770, -3.3904,

14.1399

■ 0.0000, 0.0000,
0.0000

■ 172.4540, -5.1538,
19.7728

■ 172.4540, -5.1538,
19.7728

■ 159.1350, -7.9546,
31.4536

■ 185.8870, -1.9163,
7.9921

■ 145.7020,
-11.1921, 43.2343

■ 199.2060, 0.8844,
-3.6887

■ 132.3830,
-13.9928, 54.9151

■ 212.5250, 3.6852,
-15.3694

■ 118.9500,
-17.2303, 66.6959

■ 225.9580, 6.9227,
-27.1502

■ 105.6310,
-20.0311, 78.3766

■ 237.0600, 8.8444,
-36.8866

■ 92.7850, -23.5580,
89.6426

■ 79.3520, -26.7955,
101.4233

■ 66.0330, -29.5963,
113.1041

■ 61.8270, -30.4807,
116.7927

Harmonies

Analogous

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



172.9250, 0.5300, 16.7288



172.4540, -5.1538, 19.7728



171.4060, -9.0742, 17.1839

Triad

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



172.4540, -5.1538, 19.7728



167.4520, -5.6458, -9.1664



169.3110, 11.6787, -12.5507

Complementary

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



172.4540, -5.1538, 19.7728



184.5460, 5.1538, -19.7728

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.



167.5120, 10.1006, -19.7430



172.4540, -5.1538, 19.7728



166.5910, 0.2016, -18.0583

Square

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



172.4540, -5.1538, 19.7728



168.7800, -9.7515, 1.0699



166.4640, 6.1802, -22.3319



170.9210, 9.8989, -1.6847

Rectangle

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



172.4540, -5.1538, 19.7728



170.6290, -10.6631, 13.4804



166.4640, 6.1802, -22.3319



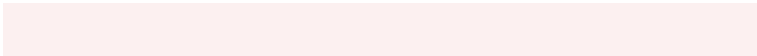
168.5880, 11.5421, -15.4247

Sweetspot

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



172.4540, -5.1538, 19.7728



243.5880, -1.7689, 7.3773



175.5150, 9.1131, 17.0883



122.3920, -1.1793, 4.9182



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.



172.4540, -5.1538, 19.7728



217.5370, -7.6597, 30.2241



181.8460, -9.7841, 11.5361



90.5770, -1.7635, 5.6330



51.0740, -25.1795, 96.4051



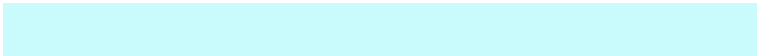
10.4540, -5.1538, 19.7728

Inverse Universe

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



184.5460, 5.1538, -19.7728



236.4630, 7.6597, -30.2241



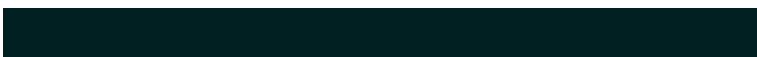
175.1540, 9.7841, -11.5361



94.0100, 1.4741, -6.1478



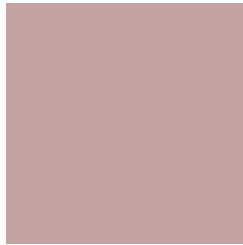
109.9260, 25.1795, -96.4051



22.5460, 5.1538, -19.7728

Previews

White Background



This preview shows how the YUV color 172.4540, -5.1538, 19.7728 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 172.4540, -5.1538, 19.7728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

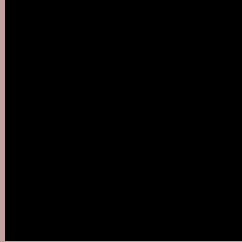
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 172.4540, -5.1538, 19.7728

Background



This preview shows how black text looks on a background with the YUV color 172.4540, -5.1538, 19.7728.



This preview shows how white text looks on a background with the YUV color 172.4540, -5.1538,

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

172.4540, -5.1538, 19.7728

Protanopia

171.0390, -2.4842, 3.4738

Deuteranopia

172.1330, -4.9956, 15.6694



Tritanopia

172.9470, 0.5191, 20.2175

Trichromacy



Original Color

172.4540, -5.1538, 19.7728

Protanomaly

171.2570, -3.0847, 9.4216

Deuteranomaly

172.1440, -5.0010, 17.4137

Tritanomaly

173.0780, -1.5175, 20.1026

Monochromacy



Original Color

172.4540, -5.1538, 19.7728

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

172.1750, -2.0583, 6.8625

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.4540, -5.1538, 19.7728 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(195, 163, 162)` looks like.

```
.text, #text, p{  
    color:rgb(195, 163, 162)  
}
```

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(195, 163, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 163, 162) }
```

Border

The CSS property to change the border of an element to YUV 172.4540, -5.1538, 19.7728 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(195, 163, 162) }
```


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

```
.border{ border-color:rgb(195, 163, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 163, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 163, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 163, 162);  
box-shadow:4px 4px 4px 4px rgb(195, 163,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 172.4540, -5.1538, 19.7728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 163, 162) }
```

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

```
.background{ background-color: rgb(195,  
163, 162) }
```

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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