

Converting Colors

YUV(130.7990, 4.5361,
-55.0747)

Have a look what the booklet for
YUV(130.7990, 4.5361, -55.0747)
contains.

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Color

**YUV(130.7990, 4.5361,
-55.0747)**

Conversions

Conversions Part 1

Format	Color
Hex	44A18C
RGB	68, 161, 140
RGB Percent	27%, 63%, 55%
CMY	0.7333, 0.3686, 0.4510
CMYK	0.58, 0.00, 0.13, 0.37
HSL	166°, 41%, 45%
HSV	166°, 58%, 63%
XYZ	19.8624, 28.6121, 29.2868
YIQ	130.7990, -48.6870, -26.2470

Conversions

Conversions Part 2

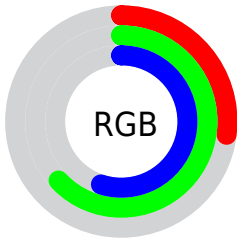
Format	Color
RYB	68, 120, 161
Decimal	4497804
CIELab	60.44, -32.76, 2.69
CIELCh	60, 32.872, 175.311
Yxy	28.6121, 0.2554, 0.3679
Android (android.graphics.Color)	4282687884 (0xFF44A18C)
YUV	130.7990, 4.5361, -55.0747
Hunter-Lab	53.4903, -27.3262, 4.9810

Details

The YUV color **130.7990, 4.5361, -55.0747** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **98.2010, -4.5361, 55.0747**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.8700, 3.5151, -54.2600**, and **74.2430, 7.7682, -65.1111** is the 20% darker color. If you saturate the color by 10%, you get **125.5590, 5.1474, -64.5112**, and if you desaturate by 10%, it is **136.0390, 3.9248, -45.6382**.

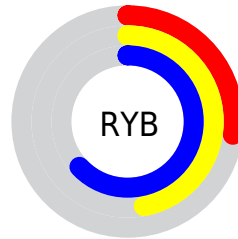
Distribution



Red (27%)

Green (63%)

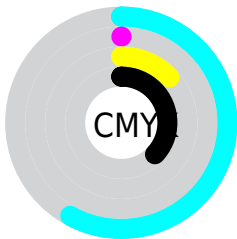
Blue (55%)



Red (27%)

Yellow (47%)

Blue (63%)

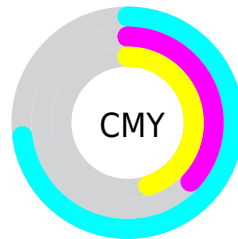


Cyan (58%)

Magenta (0%)

Yellow (13%)

Black (37%)



Cyan (73%)

Magenta (37%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.7990, 4.5361, -55.0747 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 130.7990, 4.5361, -55.0747 by changing the saturation by 10% instead.

■ 130.7990, 4.5361,
-55.0747

■ 130.7990, 4.5361,
-55.0747

■ 255.0000, 0.0000,
0.0000

■ 102.8310, 5.9993,
-57.7338

■ 185.8700, 3.5151,
-54.2600

■ 74.2430, 7.7682,
-65.1111

■ 214.7560, 3.0783,
-54.1600

■ 56.9460, 4.9566,
-49.9416

■ 232.3040, 8.7241,
-44.9936

■ 40.3500, 2.2924,
-35.3869

■ 241.5450, 6.6333,
-27.6650

■ 25.0420, -0.5137,
-21.9618

■ 250.2160, 2.3585,
-9.8364

■ 1.7610, -0.8682,
-1.5444

■ 0.0000, 0.0000,

0.0000

■ 130.7990, 4.5361,
-55.0747

■ 130.7990, 4.5361,
-55.0747

■ 125.5590, 5.1474,
-64.5112

■ 136.0390, 3.9248,
-45.6382

■ 120.4330, 6.1955,
-74.0477

■ 141.1650, 2.8767,
-36.1017

■ 115.1930, 6.8069,
-83.4843

■ 146.4050, 2.2653,
-26.6652

■ 109.9530, 7.4182,
-92.9208

■ 151.6450, 1.6540,
-17.2287

■ 108.7570, 8.0078,
-95.3799

■ 157.0700, 0.4585,
-7.0774

■ 162.3100, -0.1528,
2.3591

■ 167.4360, -1.2009,
11.8956

■ 172.6760, -1.8123,
21.3321

■ 177.9160, -2.4236,
30.7687

Harmonies

Analogous

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



137.2080, -12.4275, -27.3694



130.7990, 4.5361, -55.0747



123.0420, 22.6573, -80.7208

Triad

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



130.7990, 4.5361, -55.0747



147.5090, 24.8921, -3.9544



145.8790, -23.1113, 39.5711

Complementary

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



130.7990, 4.5361, -55.0747



98.2010, -4.5361, 55.0747

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.



147.6810, -12.6607, 47.6378



130.7990, 4.5361, -55.0747



149.9380, 14.3276, 24.6104

Square

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



130.7990, 4.5361, -55.0747



139.8960, 31.1103, -38.4968



149.2040, 0.8854, 42.7941



143.9170, -27.5671, 21.9978

Rectangle

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



130.7990, 4.5361, -55.0747



124.4040, 30.3668, -80.1613



149.2040, 0.8854, 42.7941



146.4110, -19.9226, 43.4896

Sweetspot

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



130.7990, 4.5361, -55.0747



197.6230, 1.6649, -20.7174



129.1690, -30.1563, -34.3512



98.1510, 0.9116, -12.4104



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



130.7990, 4.5361, -55.0747



162.2960, 7.2491, -85.3286



118.5180, 20.9436, -44.3043



79.0810, 0.4531, -5.3330



97.9970, 7.3965, -85.9434



12.1620, 0.9061, -10.6661

Inverse Universe

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



98.2010, -4.5361, 55.0747



111.7040, -7.2491, 85.3286



110.4820, -20.9436, 44.3043



75.9190, -0.4531, 5.3330



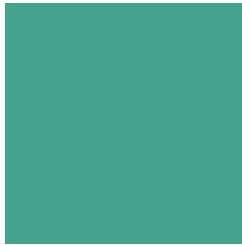
47.1170, -6.9597, 85.8434



5.8380, -0.9061, 10.6661

Previews

White Background



This preview shows how the YUV color 130.7990, 4.5361, -55.0747 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 130.7990, 4.5361, -55.0747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

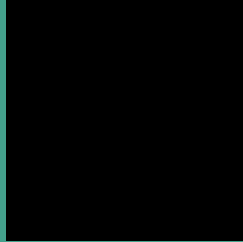
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 130.7990, 4.5361, -55.0747

Background



This preview shows how black text looks on a background with the YUV color 130.7990, 4.5361, -55.0747.

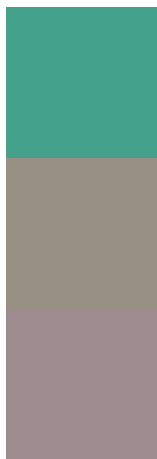


This preview shows how white text looks on a background with the YUV color 130.7990, 4.5361, -55.0747.

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

130.7990, 4.5361, -55.0747

Protanopia

144.6110, -6.7102, 5.6032

Deuteranopia

146.1370, -1.0535, 11.2809



Tritanopia

135.0460, 16.7393, -49.1523

Trichromacy



Original Color

130.7990, 4.5361, -55.0747

Protanomaly

139.5050, -2.7140, -16.2289

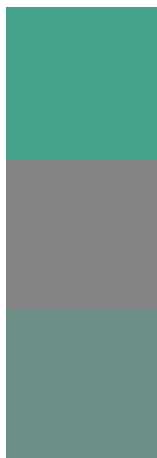
Deuteranomaly

140.8520, 1.0590, -13.0252

Tritanomaly

133.1830, 12.2348, -51.0265

Monochromacy



Original Color

130.7990, 4.5361, -55.0747

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

130.9220, 1.5175, -20.1026

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.7990, 4.5361, -55.0747 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(68, 161, 140)` looks like.

```
.text, #text, p{  
    color:rgb(68, 161, 140)  
}
```

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(68, 161, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 161, 140) }
```

Border

The CSS property to change the border of an element to YUV 130.7990, 4.5361, -55.0747 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(68, 161, 140) }
```


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

```
.border{ border-color:rgb(68, 161, 140) }
```

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

Here you see how a box with a 4 pixel rgb(68, 161, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 161, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 161, 140);  
box-shadow:4px 4px 4px 4px rgb(68, 161,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 130.7990, 4.5361, -55.0747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 161, 140) }
```

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

```
.background{ background-color: rgb(68, 161,  
140) }
```

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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