

Converting Colors

YUV(128.2280, 44.2576,
-55.4510)

Have a look what the booklet for
YUV(128.2280, 44.2576, -55.4510)
contains.

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Color

**YUV(128.2280, 44.2576,
-55.4510)**

Conversions

Conversions Part 1

Format	Color
Hex	418FDA
RGB	65, 143, 218
RGB Percent	25%, 56%, 85%
CMY	0.7451, 0.4392, 0.1451
CMYK	0.70, 0.34, 0.00, 0.15
HSL	209°, 67%, 55%
HSV	209°, 70%, 85%
XYZ	24.6573, 25.8307, 70.0159
YIQ	128.2280, -70.5630, 6.7890

Conversions

Conversions Part 2

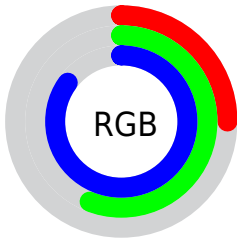
Format	Color
R_{YB}	65, 117, 218
Decimal	4296666
CIE _{Lab}	57.88, 0.46, -45.25
CIE _{LCh}	58, 45.257, 270.579
Yxy	25.8307, 0.2046, 0.2144
Android (android.graphics.Color)	4282486746 (0xFF418FDA)
YUV	128.2280, 44.2576, -55.4510
Hunter-Lab	50.8239, -2.3422, -46.1022

Details

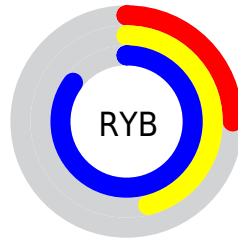
The YUV color **128.2280, 44.2576, -55.4510** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **154.7720, -44.2576, 55.4510**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.6930, 35.6474, -47.0888**, and **73.1730, 44.2847, -64.1727** is the 20% darker color. If you saturate the color by 10%, you get **115.1930, 50.6839, -63.3133**, and if you desaturate by 10%, it is **141.2630, 37.8313, -47.5887**.

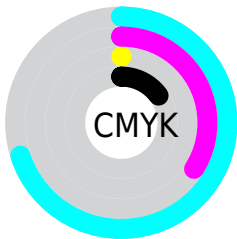
Distribution



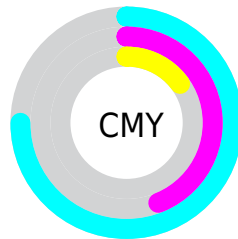
- Red (25%)
- Green (56%)
- Blue (85%)



- Red (25%)
- Yellow (46%)
- Blue (85%)



- Cyan (70%)
- Magenta (34%)
- Yellow (0%)
- Black (15%)



- Cyan (75%)
- Magenta (44%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.2280, 44.2576, -55.4510 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 128.2280, 44.2576, -55.4510 by changing the saturation by 10% instead.

■ 128.2280, 44.2576,
-55.4510

■ 128.2280, 44.2576,
-55.4510

■ 255.0000, 0.0000,
0.0000

■ 96.0090, 46.3376,
-69.2909

■ 182.6930, 35.6474,
-47.0888

■ 73.1730, 44.2847,
-64.1727

■ 208.0990, 23.1222,
-43.0598

■ 56.5940, 39.1472,
-49.6329

■ 234.0920, 10.3076,
-39.5457

■ 40.7160, 34.1570,
-35.7079

■ 244.2360, 5.3067,
-22.1320

■ 26.1260, 29.0249,
-22.9125

■ 253.5050, 0.7370,
-3.0739

■ 10.5900, 25.3451,
-9.2874

■ 6.2070, 16.1669,

-5.4435

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,
0.0000

■ 128.2280, 44.2576,
-55.4510

■ 128.2280, 44.2576,
-55.4510

■ 115.1930, 50.6839,
-63.3133

■ 141.2630, 37.8313,
-47.5887

■ 102.7450, 56.8207,
-71.6904

■ 153.7110, 31.6945,
-39.2115

■ 90.0090, 63.0996,
-78.9379

■ 166.4470, 25.4156,
-31.9640

■ 179.4820, 18.9894,
-24.1017

■ 191.9300, 12.8525,
-15.7246

■ 204.9650, 6.4263,
-7.8623

■ 218.0000, 0.0000,
0.0000

■ 230.1490, -5.9895,
7.7623

■ 241.3900,
-11.5313, 11.9360

Harmonies

Analogous

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



113.4090, 46.1404, -99.4597



128.2280, 44.2576, -55.4510



141.1920, 32.4433, 0.7086

Triad

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



128.2280, 44.2576, -55.4510



139.1730, -18.8193, 62.9923



123.4890, -12.0731, -47.7869

Complementary

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



128.2280, 44.2576, -55.4510



154.7720, -44.2576, 55.4510

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.



131.3940, -31.2532, -9.1155



128.2280, 44.2576, -55.4510



137.8880, -33.4688, 48.3332

Square

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



128.2280, 44.2576, -55.4510



140.6840, -0.3372, 61.6671



135.0560, -38.4816, 22.7529



109.1790, 14.7018, -95.7500

Rectangle

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



128.2280, 44.2576, -55.4510



143.5500, 22.8999, 28.4587



135.0560, -38.4816, 22.7529



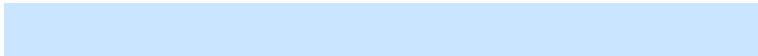
126.9270, -19.6840, -33.2620

Sweetspot

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



128.2280, 44.2576, -55.4510



223.5920, 15.4841, -19.8132



163.2470, -11.9538, -86.1626



109.0400, 9.3473, -11.4361



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.



128.2280, 44.2576, -55.4510



129.3790, 61.9312, -77.5084



84.2030, 65.9619, -16.8410



103.1890, 3.3578, -3.6738



71.3780, 50.0996, -62.5985



18.7450, 13.4367, -16.4394

Inverse Universe

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



119.6390, 11.5170, 86.2626



117.4120, 16.0659, 120.6647



198.7970, -65.9619, 16.8410



102.8590, 0.5625, 6.2627



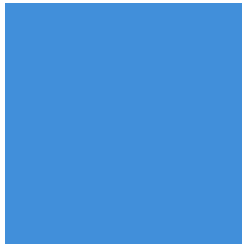
61.7590, 12.9368, 97.5584



16.3760, 3.2656, 25.9802

Previews

White Background



This preview shows how the YUV color 128.2280, 44.2576, -55.4510 looks on a white background.

Color Contrast Check

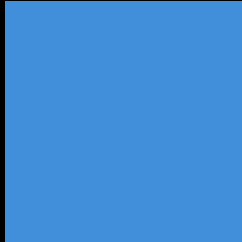
Large Text (above 18pt) WCAG AA ✓ Pass

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 128.2280, 44.2576, -55.4510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

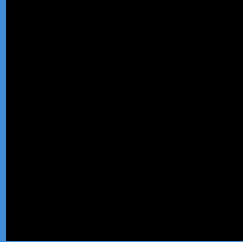
Any Text WCAG AA ✓ Pass

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 128.2280, 44.2576, -55.4510 Background



This preview shows how black text looks on a background with the YUV color 128.2280, 44.2576, -55.4510.



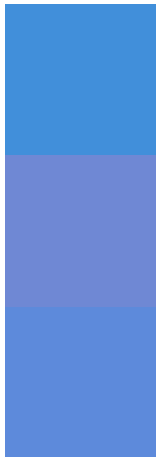
This preview shows how white text looks on a background with the YUV color 128.2280, 44.2576, -55.4510.

-55.4510.

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

128.2280, 44.2576, -55.4510

Protanopia

137.1890, 36.8818, -22.9678

Deuteranopia

133.7790, 42.0140, -35.7632



Tritanopia

114.1170, 25.5783, -84.2946

Trichromacy



Original Color

128.2280, 44.2576, -55.4510

Protanomaly

134.0950, 39.3932, -35.1633

Deuteranomaly

131.9630, 42.9092, -42.9406

Tritanomaly

119.0180, 32.5291, -73.6838

Monochromacy



Original Color

128.2280, 44.2576, -55.4510

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

127.8200, 16.3577, -20.0131

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.2280, 44.2576, -55.4510 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(65, 143, 218)` looks like.

```
.text, #text, p{  
    color:rgb(65, 143, 218)  
}
```

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(65, 143, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 143, 218) }
```

Border

The CSS property to change the border of an element to YUV 128.2280, 44.2576, -55.4510 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(65, 143, 218) }
```


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

```
.border{ border-color:rgb(65, 143, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 143, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 143, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 143, 218);  
box-shadow:4px 4px 4px 4px rgb(65, 143,  
218) }
```

Background

The CSS property to change the background color of an element to YUV 128.2280, 44.2576, -55.4510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 143, 218) }
```

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

```
.background{ background-color: rgb(65, 143,  
218) }
```

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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