

Converting Colors

YUV(127.1620, 30.9791,
-43.1151)

Have a look what the booklet for
YUV(127.1620, 30.9791, -43.1151)
contains.

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Color

**YUV(127.1620, 30.9791,
-43.1151)**

Conversions

Conversions Part 1

Format	Color
Hex	4E8CBE
RGB	78, 140, 190
RGB Percent	31%, 55%, 75%
CMY	0.6941, 0.4510, 0.2549
CMYK	0.59, 0.26, 0.00, 0.25
HSL	207°, 46%, 53%
HSV	207°, 59%, 75%
XYZ	21.8142, 24.0936, 52.2160
YIQ	127.1620, -53.0020, 2.4060

Conversions

Conversions Part 2

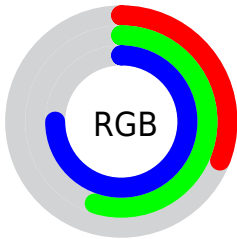
Format	Color
R _Y B	78, 118, 190
Decimal	5147838
CIE Lab	56.18, -5.00, -32.10
CIE LCh	56, 32.483, 261.149
Yxy	24.0936, 0.2223, 0.2455
Android (android.graphics.Color)	4283337918 (0xFF4E8CBE)
YUV	127.1620, 30.9791, -43.1151
Hunter-Lab	49.0852, -6.5709, -28.7120

Details

The YUV color **127.1620, 30.9791, -43.1151** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **140.8380, -30.9791, 43.1151**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.8140, 32.1367, -41.0559**, and **68.3340, 33.3593, -59.9289** is the 20% darker color. If you saturate the color by 10%, you get **116.7850, 36.0950, -50.6774**, and if you desaturate by 10%, it is **137.5390, 25.8633, -35.5527**.

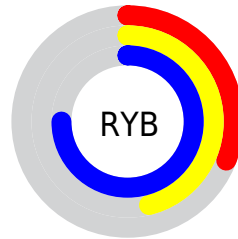
Distribution



Red (31%)

Green (55%)

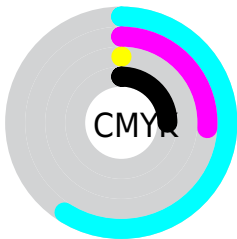
Blue (75%)



Red (31%)

Yellow (46%)

Blue (75%)

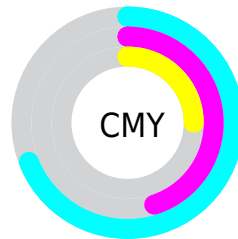


Cyan (59%)

Magenta (26%)

Yellow (0%)

Black (25%)



Cyan (69%)

Magenta (45%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.1620, 30.9791, -43.1151 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 127.1620, 30.9791, -43.1151 by changing the saturation by 10% instead.

■ 127.1620, 30.9791,
-43.1151

■ 127.1620, 30.9791,
-43.1151

■ 255.0000, 0.0000,
0.0000

■ 100.1400, 30.9900,
-46.6038

■ 181.8140, 32.1367,
-41.0559

■ 68.3340, 33.3593,
-59.9289

■ 207.8330, 23.2533,
-38.4415

■ 51.9830, 29.0954,
-45.5891

■ 233.5270, 10.5862,
-35.5422

■ 36.2190, 24.5420,
-31.7641

■ 245.1330, 4.8644,
-20.2876

■ 21.8570, 20.2835,
-19.1686

■ 254.1030, 0.4422,
-1.8443

■ 6.3210, 16.6037,
-5.5435

■ 2.6390, 7.5730,

-2.3144

■ 0.0000, 0.0000,
0.0000

■ 127.1620, 30.9791,
-43.1151

■ 127.1620, 30.9791,
-43.1151

■ 116.7850, 36.0950,
-50.6774

■ 137.5390, 25.8633,
-35.5527

■ 105.8210, 41.5002,
-57.7250

■ 148.5030, 20.4580,
-28.5051

■ 95.4440, 46.6161,
-65.2874

■ 158.8800, 15.3422,
-20.9428

■ 84.4800, 52.0214,
-72.3350

■ 169.8440, 9.9369,
-13.8952

■ 83.2950, 52.6056,
-73.0497

■ 180.2210, 4.8210,
-6.3328

■ 191.1850, -0.5842,
0.7148

■ 201.5620, -5.7001,
8.2771

■ 212.5260,
-11.1053, 15.3247

■ 222.9030,
-16.2212, 22.8871

Harmonies

Analogous

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



112.8600, 32.1140, -80.5612



127.1620, 30.9791, -43.1151



135.3020, 25.4871, -8.1579

Triad

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



127.1620, 30.9791, -43.1151



136.9520, -10.3293, 46.5231



126.7740, -14.1856, -23.4808

Complementary

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



127.1620, 30.9791, -43.1151



140.8380, -30.9791, 43.1151

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.



130.5940, -24.4498, 2.1101



127.1620, 30.9791, -43.1151



135.0470, -21.2222, 40.3008

Square

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



127.1620, 30.9791, -43.1151



137.7630, 3.0748, 40.5498



133.4550, -26.8463, 24.1570



120.5500, 2.1939, -50.4714

Rectangle

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



127.1620, 30.9791, -43.1151



137.5280, 19.4597, 11.8149



133.4550, -26.8463, 24.1570



128.3900, -18.4333, -14.3740

Sweetspot

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



127.1620, 30.9791, -43.1151



222.1040, 12.2737, -16.7542



149.3300, -11.0087, -62.5564



109.5840, 7.6001, -11.0362



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



127.1620, 30.9791, -43.1151



148.8890, 48.3687, -67.4317



94.8770, 46.8956, -14.8011



88.9610, 2.4842, -3.4738



69.6680, 43.5477, -61.0988



13.5130, 8.6211, -11.8509

Inverse Universe

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



118.5560, 10.5719, 62.6564



135.3830, 16.5732, 97.8881



173.1230, -46.8956, 14.8011



88.2610, 0.8573, 5.0331



57.2740, 15.1479, 88.3367



11.2070, 2.8559, 17.3585

Previews

White Background



This preview shows how the YUV color 127.1620, 30.9791, -43.1151 looks on a white background.

Color Contrast Check

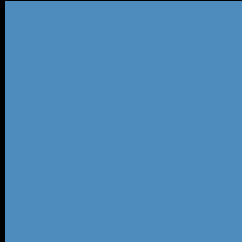
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.1620, 30.9791, -43.1151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

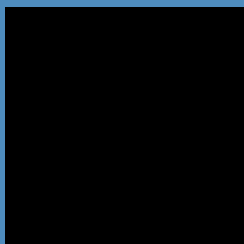
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

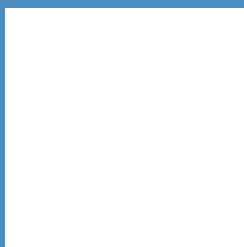
Any Text WCAG AAA × Fail

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

YUV 127.1620, 30.9791, -43.1151 Background



This preview shows how black text looks on a background with the YUV color 127.1620, 30.9791, -43.1151.



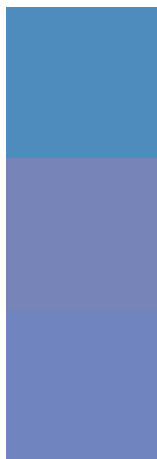
This preview shows how white text looks on a background with the YUV color 127.1620, 30.9791, -43.1151.

-43.1151.

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

127.1620, 30.9791, -43.1151

Protanopia

134.0410, 24.6298, -13.1910

Deuteranopia

133.4470, 28.8666, -18.8090



Tritanopia

122.8500, 17.3290, -51.6114

Trichromacy



Original Color

127.1620, 30.9791, -43.1151

Protanomaly

131.5450, 26.8463, -24.1570

Deuteranomaly

131.5060, 29.3305, -27.6308

Tritanomaly

124.5390, 22.4123, -48.7077

Monochromacy



Original Color

127.1620, 30.9791, -43.1151

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

127.1750, 11.2527, -15.9395

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.1620, 30.9791, -43.1151 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(78, 140, 190)` looks like.

```
.text, #text, p{  
    color:rgb(78, 140, 190)  
}
```

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(78, 140, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 140, 190) }
```

Border

The CSS property to change the border of an element to YUV 127.1620, 30.9791, -43.1151 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(78, 140, 190) }
```


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

```
.border{ border-color:rgb(78, 140, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 140, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 140, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 140, 190);  
box-shadow:4px 4px 4px 4px rgb(78, 140,  
190) }
```

Background

The CSS property to change the background color of an element to YUV 127.1620, 30.9791, -43.1151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 140, 190) }
```

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

```
.background{ background-color: rgb(78, 140,  
190) }
```

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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