

Converting Colors

YUV(127.6530, 43.0621,
-45.2997)

Have a look what the booklet for
YUV(127.6530, 43.0621, -45.2997)
contains.

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Color

**YUV(127.6530, 43.0621,
-45.2997)**

Conversions

Conversions Part 1

Format	Color
Hex	4C89D7
RGB	76, 137, 215
RGB Percent	30%, 54%, 84%
CMY	0.7020, 0.4627, 0.1569
CMYK	0.65, 0.36, 0.00, 0.16
HSL	214°, 63%, 57%
HSV	214°, 65%, 84%
XYZ	24.1919, 24.3341, 67.7119
YIQ	127.6530, -61.3940, 11.3260

Conversions

Conversions Part 2

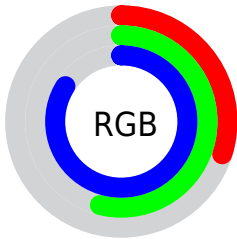
Format	Color
R_{YB}	76, 118, 215
Decimal	5016023
CIE _{Lab}	56.42, 4.71, -45.85
CIE _{LCh}	56, 46.090, 275.867
Yxy	24.3341, 0.2081, 0.2093
Android (android.graphics.Color)	4283206103 (0xFF4C89D7)
YUV	127.6530, 43.0621, -45.2997
Hunter-Lab	49.3296, 1.2119, -46.8532

Details

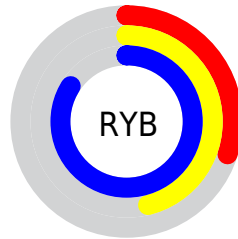
The YUV color **127.6530, 43.0621, -45.2997** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **163.3470, -43.0621, 45.2997**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.5630, 36.2044, -39.0818**, and **69.8960, 44.4213, -61.2988** is the 20% darker color. If you saturate the color by 10%, you get **114.0310, 49.7777, -52.6472**, and if you desaturate by 10%, it is **140.9760, 36.4938, -38.5670**.

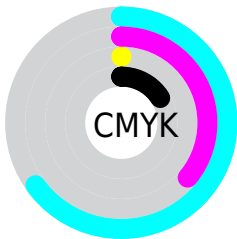
Distribution



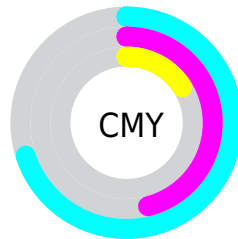
- Red (30%)
- Green (54%)
- Blue (84%)



- Red (30%)
- Yellow (46%)
- Blue (84%)



- Cyan (65%)
- Magenta (36%)
- Yellow (0%)
- Black (16%)



- Cyan (70%)
- Magenta (46%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.6530, 43.0621, -45.2997 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 127.6530, 43.0621, -45.2997 by changing the saturation by 10% instead.

■ 127.6530, 43.0621,
-45.2997

■ 127.6530, 43.0621,
-45.2997

■ 255.0000, 0.0000,
0.0000

■ 99.0220, 43.3732,
-51.7623

■ 181.5630, 36.2044,
-39.0818

■ 69.8960, 44.4213,
-61.2988

■ 206.6700, 23.8267,
-35.6676

■ 53.3170, 39.2837,
-46.7590

■ 232.0760, 11.3015,
-31.6387

■ 38.0260, 34.0042,
-33.3488

■ 246.3290, 4.2748,
-17.8285

■ 23.5500, 29.3088,
-20.6533

■ 10.2480, 24.0347,
-8.9875

■ 5.2780, 15.1459,

-4.6288

■ 1.3680, 5.2416,
-1.1997

■ 0.0000, 0.0000,
0.0000

■ 127.6530, 43.0621,
-45.2997

■ 127.6530, 43.0621,
-45.2997

■ 114.0310, 49.7777,
-52.6472

■ 140.9760, 36.4938,
-38.5670

■ 100.7080, 56.3460,
-59.3799

■ 154.5980, 29.7782,
-31.2194

■ 87.0860, 63.0616,
-66.7274

■ 167.9210, 23.2099,
-24.4867

■ 79.6880, 66.7088,
-69.8864

■ 181.5430, 16.4943,
-17.1392

■ 195.1650, 9.7787,
-9.7917

■ 208.4880, 3.2104,
-3.0590

■ 222.1100, -3.5052,
4.2885

■ 236.0200,
-10.3629, 10.5065

■ 245.1570,
-14.8674, 8.6323

Harmonies

Analogous

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



110.5880, 48.0241, -96.9857



127.6530, 43.0621, -45.2997



138.7800, 30.6745, 8.0859

Triad

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



127.6530, 43.0621, -45.2997



134.6630, -22.0189, 62.5625



115.9760, -7.3832, -58.7380

Complementary

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



127.6530, 43.0621, -45.2997



163.3470, -43.0621, 45.2997

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.



125.9310, -29.0530, -14.8485



127.6530, 43.0621, -45.2997



132.9970, -35.4945, 44.7296

Square

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



127.6530, 43.0621, -45.2997



135.8970, -3.4002, 64.1113



130.7950, -39.3389, 17.7198



107.1730, 17.1697, -93.9907

Rectangle

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



127.6530, 43.0621, -45.2997



139.3120, 20.5522, 34.8064



130.7950, -39.3389, 17.7198



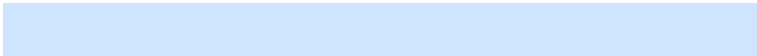
120.4960, -16.0205, -41.6540

Sweetspot

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



127.6530, 43.0621, -45.2997



224.7990, 14.8891, -15.6097



166.2570, -7.0287, -79.1554



109.0510, 9.3419, -9.6917



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.



127.6530, 43.0621, -45.2997



129.7550, 61.7458, -64.6831



93.9390, 59.6831, -9.5935



100.1890, 3.3578, -3.6738



63.5190, 52.9881, -55.7062



16.0550, 13.2839, -14.0802

Inverse Universe

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



124.5150, 6.1551, 79.3553



125.4190, 8.6674, 113.6425



197.0610, -59.6831, 9.5935



99.8590, 0.5625, 6.2627



59.6790, 7.5533, 97.6285



15.0230, 1.9607, 24.5358

Previews

White Background



This preview shows how the YUV color 127.6530, 43.0621, -45.2997 looks on a white background.

Color Contrast Check

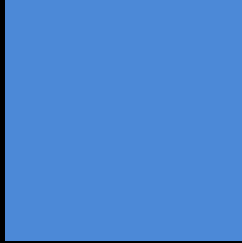
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.6530, 43.0621, -45.2997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

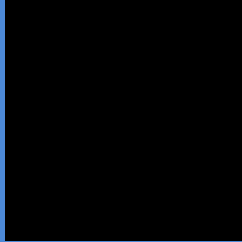
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

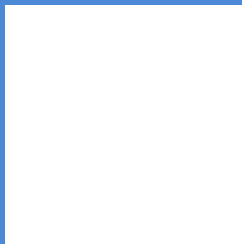
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 127.6530, 43.0621, -45.2997

Background



This preview shows how black text looks on a background with the YUV color 127.6530, 43.0621, -45.2997.



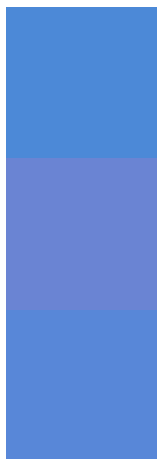
This preview shows how white text looks on a background with the YUV color 127.6530, 43.0621, -45.2997.

-45.2997.

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

127.6530, 43.0621, -45.2997

Protanopia

133.2320, 38.3396, -23.8825

Deuteranopia

130.1810, 42.3088, -36.9927



Tritanopia

118.5710, 20.4245, -64.5218

Trichromacy



Original Color

127.6530, 43.0621, -45.2997

Protanomaly

131.2310, 39.8191, -31.7746

Deuteranomaly

129.5720, 42.6090, -39.9666

Tritanomaly

121.7920, 28.6965, -57.6996

Monochromacy



Original Color

127.6530, 43.0621, -45.2997

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

127.7280, 15.9101, -16.4245

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.6530, 43.0621, -45.2997 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, 137, 215)` looks like.

```
.text, #text, p{  
    color:rgb(76, 137, 215)  
}
```

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, 137, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 137, 215) }
```

Border

The CSS property to change the border of an element to YUV 127.6530, 43.0621, -45.2997 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, 137, 215) }
```


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

```
.border{ border-color:rgb(76, 137, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 137, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 137, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 137, 215);  
box-shadow:4px 4px 4px 4px rgb(76, 137,  
215) }
```

Background

The CSS property to change the background color of an element to YUV 127.6530, 43.0621, -45.2997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 137, 215) }
```

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

```
.background{ background-color: rgb(76, 137,  
215) }
```

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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