

Converting Colors

YUV(126.9200, 41.4514,
-42.0258)

Have a look what the booklet for
YUV(126.9200, 41.4514, -42.0258)
contains.

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Color

**YUV(126.9200, 41.4514,
-42.0258)**

Conversions

Conversions Part 1

Format	Color
Hex	4F87D3
RGB	79, 135, 211
RGB Percent	31%, 53%, 83%
CMY	0.6902, 0.4706, 0.1725
CMYK	0.63, 0.36, 0.00, 0.17
HSL	215°, 60%, 57%
HSV	215°, 63%, 83%
XYZ	23.6463, 23.6934, 64.9550
YIQ	126.9200, -57.7720, 11.7640

Conversions

Conversions Part 2

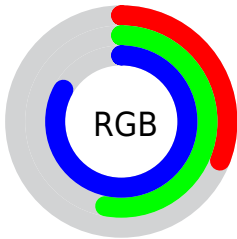
Format	Color
R_{YB}	79, 118, 211
Decimal	5212115
CIE _{Lab}	55.78, 5.08, -44.61
CIE _{LCh}	56, 44.893, 276.491
Yxy	23.6934, 0.2106, 0.2110
Android (android.graphics.Color)	4283402195 (0xFF4F87D3)
YUV	126.9200, 41.4514, -42.0258
Hunter-Lab	48.6758, 1.5311, -45.0459

Details

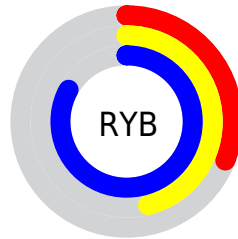
The YUV color **126.9200, 41.4514, -42.0258** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **163.0800, -41.4514, 42.0258**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.9870, 36.4884, -36.8226**, and **68.2660, 43.2529, -59.8693** is the 20% darker color. If you saturate the color by 10%, you get **113.5970, 48.0197, -48.7586**, and if you desaturate by 10%, it is **140.2430, 34.8832, -35.2931**.

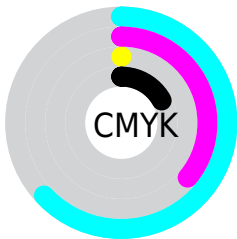
Distribution



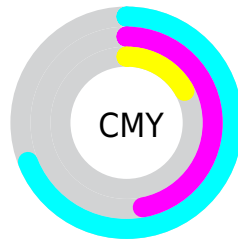
- Red (31%)
- Green (53%)
- Blue (83%)



- Red (31%)
- Yellow (46%)
- Blue (83%)



- Cyan (63%)
- Magenta (36%)
- Yellow (0%)
- Black (17%)



- Cyan (69%)
- Magenta (47%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.9200, 41.4514, -42.0258 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 126.9200, 41.4514, -42.0258 by changing the saturation by 10% instead.

■ 126.9200, 41.4514,
-42.0258

■ 126.9200, 41.4514,
-42.0258

255.0000, 0.0000,
0.0000

■ 98.8870, 41.4677,
-47.2589

■ 180.9870, 36.4884,
-36.8226

■ 68.2660, 43.2529,
-59.8693

■ 206.0940, 24.1107,
-33.4084

■ 51.8010, 38.5521,
-45.4295

■ 231.2010, 11.7329,
-29.9943

■ 36.5100, 33.2726,
-32.0193

■ 246.6280, 4.1274,
-17.2138

■ 21.9200, 28.1404,
-19.2238

■ 9.3190, 23.0137,
-8.1728

■ 4.9360, 13.8356,

-4.3289

■ 0.7980, 3.0576,
-0.6998

■ 0.0000, 0.0000,
0.0000

■ 126.9200, 41.4514,
-42.0258

■ 126.9200, 41.4514,
-42.0258

■ 113.5970, 48.0197,
-48.7586

■ 140.2430, 34.8832,
-35.2931

■ 100.2740, 54.5879,
-55.4913

■ 153.5660, 28.3150,
-28.5604

■ 86.9510, 61.1562,
-62.2240

■ 166.8890, 21.7467,
-21.8277

■ 76.8840, 66.1192,
-67.4273

■ 180.7990, 14.8891,
-15.6097

■ 194.4210, 8.1734,
-8.2622

■ 207.7440, 1.6052,
-1.5295

■ 221.0670, -4.9630,
5.2032

■ 234.3900,
-11.5313, 11.9360

■ 243.5270,
-16.0358, 10.0618

Harmonies

Analogous

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



109.0720, 47.2925, -95.6561



126.9200, 41.4514, -42.0258



137.1500, 29.5060, 9.5154

Triad

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



126.9200, 41.4514, -42.0258



133.3530, -21.8660, 60.2034



114.8020, -6.8044, -57.7084

Complementary

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



126.9200, 41.4514, -42.0258



163.0800, -41.4514, 42.0258

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.



124.8600, -28.0320, -15.6632



126.9200, 41.4514, -42.0258



131.6270, -34.3261, 43.3001

Square

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



126.9200, 41.4514, -42.0258



134.7720, -3.8316, 62.4670



128.8380, -37.8811, 16.8051



105.8850, 17.3117, -92.8611

Rectangle

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



126.9200, 41.4514, -42.0258



137.6710, 19.3892, 34.4915



128.8380, -37.8811, 16.8051



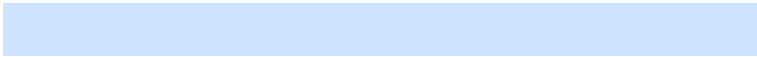
119.1370, -14.8575, -41.3391

Sweetspot

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



126.9200, 41.4514, -42.0258



224.2120, 15.1785, -15.0949



165.0340, -5.4398, -75.4518



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.



126.9200, 41.4514, -42.0258



133.3210, 59.9877, -60.7945



96.7390, 56.3307, -7.6641



98.1890, 3.3578, -3.6738



60.8290, 52.8353, -53.3470



14.6530, 12.9891, -12.8507

Inverse Universe

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



124.8520, 5.0030, 75.5518



130.3430, 7.2259, 109.3242



193.2610, -56.3307, 7.6641



97.8590, 0.5625, 6.2627



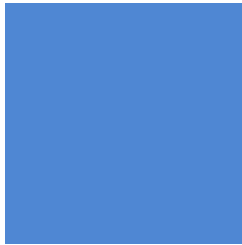
58.3260, 6.2483, 96.1841



14.1970, 1.3819, 23.5062

Previews

White Background



This preview shows how the YUV color 126.9200, 41.4514, -42.0258 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 126.9200, 41.4514, -42.0258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

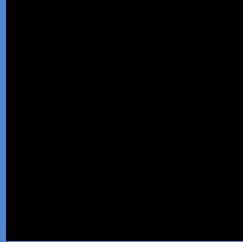
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

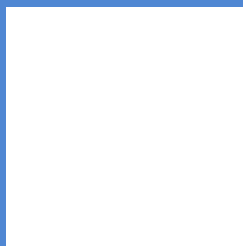
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 126.9200, 41.4514, -42.0258

Background



This preview shows how black text looks on a background with the YUV color 126.9200, 41.4514, -42.0258.



This preview shows how white text looks on a background with the YUV color 126.9200, 41.4514, -42.0258.

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

126.9200, 41.4514, -42.0258

Protanopia

131.3030, 37.3186, -23.0677

Deuteranopia

128.7360, 40.5562, -34.8485



Tritanopia

119.2620, 19.0978, -58.9888

Trichromacy



Original Color

126.9200, 41.4514, -42.0258

Protanomaly

129.9000, 38.5033, -29.7303

Deuteranomaly

128.1270, 40.8564, -37.8224

Tritanomaly

122.0700, 27.0805, -52.6814

Monochromacy



Original Color

126.9200, 41.4514, -42.0258

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

127.2120, 15.1785, -15.0949

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.9200, 41.4514, -42.0258 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(79, 135, 211)` looks like.

```
.text, #text, p{  
    color:rgb(79, 135, 211)  
}
```

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(79, 135, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 135, 211) }
```

Border

The CSS property to change the border of an element to YUV 126.9200, 41.4514, -42.0258 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(79, 135, 211) }
```


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

```
.border{ border-color:rgb(79, 135, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 135, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 135, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 135, 211);  
box-shadow:4px 4px 4px 4px rgb(79, 135,  
211) }
```

Background

The CSS property to change the background color of an element to YUV 126.9200, 41.4514, -42.0258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 135, 211) }
```

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

```
.background{ background-color: rgb(79, 135,  
211) }
```

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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