

Converting Colors

YUV(115.5240, 42.1397,
-29.4005)

Have a look what the booklet for
YUV(115.5240, 42.1397, -29.4005)
contains.

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Color

**YUV(115.5240, 42.1397,
-29.4005)**

Conversions

Conversions Part 1

Format	Color
Hex	5274C9
RGB	82, 116, 201
RGB Percent	32%, 45%, 79%
CMY	0.6784, 0.5451, 0.2118
CMYK	0.59, 0.42, 0.00, 0.21
HSL	223°, 52%, 55%
HSV	223°, 59%, 79%
XYZ	20.2677, 18.5017, 57.7613
YIQ	115.5240, -47.5490, 19.2270

Conversions

Conversions Part 2

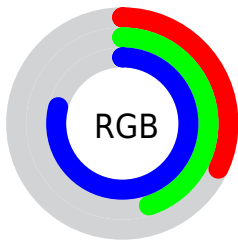
Format	Color
R _Y B	82, 108, 201
Decimal	5403849
CIE Lab	50.10, 13.81, -47.94
CIE LCh	50, 49.888, 286.066
Yxy	18.5017, 0.2100, 0.1917
Android (android.graphics.Color)	4283593929 (0xFF5274C9)
YUV	115.5240, 42.1397, -29.4005
Hunter-Lab	43.0136, 8.8342, -49.5088

Details

The YUV color **115.5240, 42.1397, -29.4005** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **167.4760, -42.1397, 29.4005**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.5460, 42.1288, -25.9118**, and **57.1470, 43.8045, -50.1179** is the 20% darker color. If you saturate the color by 10%, you get **101.3260, 49.1393, -34.4889**, and if you desaturate by 10%, it is **129.7220, 35.1401, -24.3122**.

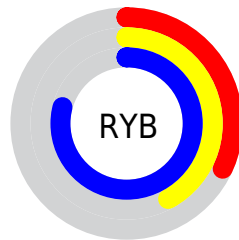
Distribution



Red (32%)

Green (45%)

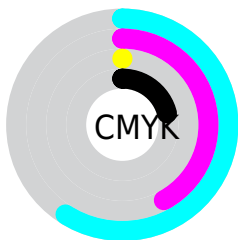
Blue (79%)



Red (32%)

Yellow (42%)

Blue (79%)

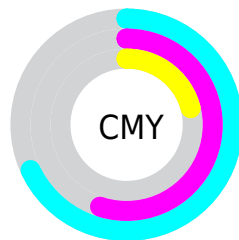


Cyan (59%)

Magenta (42%)

Yellow (0%)

Black (21%)



Cyan (68%)

Magenta (55%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.5240, 42.1397, -29.4005 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 115.5240, 42.1397, -29.4005 by changing the saturation by 10% instead.

■ 115.5240, 42.1397,
-29.4005

■ 115.5240, 42.1397,
-29.4005

255.0000, 0.0000,
0.0000

■ 88.6760, 41.5717,
-33.9189

■ 169.5460, 42.1288,
-25.9118

■ 57.1470, 43.8045,
-50.1179

■ 194.0660, 30.0405,
-21.9829

■ 41.2690, 38.8144,
-36.1929

■ 219.1730, 17.6627,
-18.5687

■ 26.6790, 33.6823,
-23.3975

■ 244.5790, 5.1376,
-14.5398

■ 8.0940, 31.0127,
-7.0984

■ 7.7060, 19.3719,
-6.7582

■ 3.5510, 11.0674,

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 115.5240, 42.1397,
-29.4005

■ 115.5240, 42.1397,
-29.4005

■ 101.3260, 49.1393,
-34.4889

■ 129.7220, 35.1401,
-24.3122

■ 86.5410, 56.4283,
-39.0625

■ 144.5070, 27.8510,
-19.7386

■ 72.3430, 63.4279,
-44.1508

■ 158.7050, 20.8514,
-14.6503

■ 58.1450, 70.4275,
-49.2392

■ 172.9030, 13.8518,
-9.5619

■ 56.3730, 71.3011,
-49.4391

■ 187.9870, 6.4154,
-4.3736

■ 202.1850, -0.5842,
0.7148

■ 216.9700, -7.8732,
5.2883

■ 231.1680,
-14.8728, 10.3767

■ 242.9740,
-20.6932, 10.5468

Harmonies

Analogous

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



99.2240, 50.1756, -87.0194



115.5240, 42.1397, -29.4005



122.7820, 27.7155, 23.8702

Triad

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



115.5240, 42.1397, -29.4005



116.6320, -28.4126, 59.9587



92.0640, 2.4334, -80.7401

Complementary

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



115.5240, 42.1397, -29.4005



167.4760, -42.1397, 29.4005

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.



105.4990, -23.9100, -31.1326



115.5240, 42.1397, -29.4005



115.3460, -41.5826, 37.4076

Square

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



115.5240, 42.1397, -29.4005



117.0350, -9.3843, 70.1293



111.9740, -40.9062, 7.0388



98.2540, 21.0738, -86.1688

Rectangle

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



115.5240, 42.1397, -29.4005



121.5480, 15.9988, 48.6314



111.9740, -40.9062, 7.0388



89.8810, -3.3923, -78.8256

Sweetspot

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



115.5240, 42.1397, -29.4005



221.8750, 16.3306, -11.2914



161.3150, 1.8167, -69.5593



107.0020, 10.3520, -7.0178



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.



115.5240, 42.1397, -29.4005



125.1580, 64.0121, -44.8656



102.7420, 48.4412, 2.8573



92.2000, 3.3524, -1.9294



46.1710, 57.5967, -40.4920



9.9740, 12.8308, -8.7472

Inverse Universe

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



121.4570, -2.6903, 69.7592



134.0470, -3.9672, 106.0758



180.2580, -48.4412, -2.8573



92.9190, -0.4531, 5.3330



54.0950, -3.4978, 95.5097



11.9040, -0.9387, 21.1322

Previews

White Background



This preview shows how the YUV color 115.5240, 42.1397, -29.4005 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 115.5240, 42.1397, -29.4005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

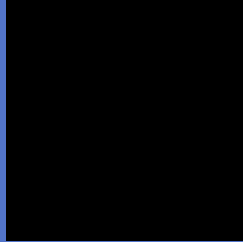
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 115.5240, 42.1397, -29.4005

Background



This preview shows how black text looks on a background with the YUV color 115.5240, 42.1397, -29.4005.



This preview shows how white text looks on a background with the YUV color 115.5240, 42.1397, -29.4005.

-29.4005.

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

115.5240, 42.1397, -29.4005

Protanopia

115.8230, 41.9923, -28.7858

Deuteranopia

111.7780, 43.4934, -43.6553



Tritanopia

108.1280, 15.7129, -46.5933

Trichromacy



Original Color

115.5240, 42.1397, -29.4005

Protanomaly

115.8230, 41.9923, -28.7858

Deuteranomaly

113.2840, 42.7510, -38.8371

Tritanomaly

110.6910, 25.2953, -40.0710

Monochromacy



Original Color

115.5240, 42.1397, -29.4005

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

115.9460, 15.3096, -10.4766

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.5240, 42.1397, -29.4005 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(82, 116, 201)` looks like.

```
.text, #text, p{  
    color:rgb(82, 116, 201)  
}
```

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(82, 116, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 116, 201) }
```

Border

The CSS property to change the border of an element to YUV 115.5240, 42.1397, -29.4005 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(82, 116, 201) }
```


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

```
.border{ border-color:rgb(82, 116, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 116, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 116, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 116, 201);  
box-shadow:4px 4px 4px 4px rgb(82, 116,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 115.5240, 42.1397, -29.4005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 116, 201) }
```

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

```
.background{ background-color: rgb(82, 116,  
201) }
```

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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