

Converting Colors

YUV(106.2340, 31.9296,
-21.2532)

Have a look what the booklet for
YUV(106.2340, 31.9296, -21.2532)
contains.

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Color

**YUV(106.2340, 31.9296,
-21.2532)**

Conversions

Conversions Part 1

Format	Color
Hex	526AAB
RGB	82, 106, 171
RGB Percent	32%, 42%, 67%
CMY	0.6784, 0.5843, 0.3294
CMYK	0.52, 0.38, 0.00, 0.33
HSL	224°, 35%, 50%
HSV	224°, 52%, 67%
XYZ	15.9844, 15.0422, 40.5890
YIQ	106.2340, -35.1690, 15.1270

Conversions

Conversions Part 2

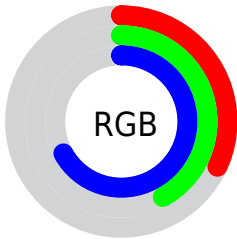
Format	Color
R_{YB}	82, 101, 171
Decimal	5401259
CIE _{Lab}	45.69, 10.07, -37.57
CIE _{LCh}	46, 38.901, 285.009
Yxy	15.0422, 0.2232, 0.2100
Android (android.graphics.Color)	4283591339 (0xFF526AAB)
YUV	106.2340, 31.9296, -21.2532
Hunter-Lab	38.7843, 5.6939, -34.9000

Details

The YUV color **106.2340, 31.9296, -21.2532** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **146.7660, -31.9296, 21.2532**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.0000, 33.5240, -19.2940**, and **54.6630, 31.2251, -28.6455** is the 20% darker color. If you saturate the color by 10%, you get **94.1070, 37.9082, -25.5268**, and if you desaturate by 10%, it is **118.3610, 25.9510, -16.9796**.

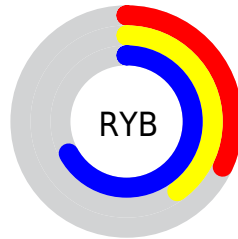
Distribution



Red (32%)

Green (42%)

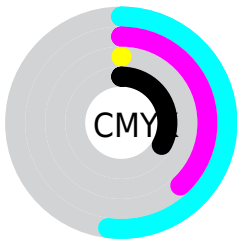
Blue (67%)



Red (32%)

Yellow (40%)

Blue (67%)

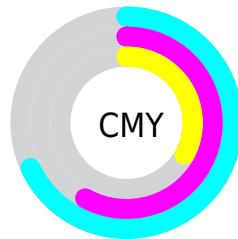


Cyan (52%)

Magenta (38%)

Yellow (0%)

Black (33%)



Cyan (68%)

Magenta (58%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.2340, 31.9296, -21.2532 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 106.2340, 31.9296, -21.2532 by changing the saturation by 10% instead.

■ 106.2340, 31.9296,
-21.2532

■ 106.2340, 31.9296,
-21.2532

■ 255.0000, 0.0000,
0.0000

■ 80.6960, 31.2089,
-23.4124

■ 159.0000, 33.5240,
-19.2940

■ 54.6630, 31.2251,
-28.6455

■ 186.1140, 33.9608,
-19.3940

■ 32.9080, 29.6254,
-28.8603

■ 210.6340, 21.8724,
-15.4650

■ 18.4320, 24.9300,
-16.1649

■ 236.0290, 9.3527,
-13.1804

■ 7.5920, 18.9351,
-6.6582

■ 253.8040, 0.5896,
-2.4591

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,

0.0000

■ 106.2340, 31.9296,
-21.2532

■ 106.2340, 31.9296,
-21.2532

■ 94.1070, 37.9082,
-25.5268

■ 118.3610, 25.9510,
-16.9796

■ 81.3930, 44.1763,
-29.2857

■ 131.0750, 19.6830,
-13.2208

■ 69.2660, 50.1549,
-33.5593

■ 143.2020, 13.7044,
-8.9472

■ 56.5520, 56.4229,
-37.3181

■ 155.9160, 7.4364,
-5.1883

■ 46.4960, 61.3805,
-40.7770

■ 168.0430, 1.4578,
-0.9147

■ 181.0560, -4.9576,
3.4589

■ 193.1830,
-10.9362, 7.7325

■ 205.8970,
-17.2042, 11.4913

■ 218.0240,
-23.1828, 15.7650

Harmonies

Analogous

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



87.5860, 41.1231, -76.8129



106.2340, 31.9296, -21.2532



111.3160, 21.0432, 17.2629

Triad

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



106.2340, 31.9296, -21.2532



107.6780, -21.5333, 46.7634



83.9560, 2.9797, -69.2444

Complementary

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



106.2340, 31.9296, -21.2532



146.7660, -31.9296, 21.2532

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.



98.8190, -19.1378, -21.7663



106.2340, 31.9296, -21.2532



106.4620, -30.7938, 30.2898

Square

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



106.2340, 31.9296, -21.2532



108.6800, -7.7302, 52.9006



103.7210, -30.4285, 6.3837



87.5110, 17.9891, -76.7471

Rectangle

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



106.2340, 31.9296, -21.2532



110.8470, 12.4004, 36.0912



103.7210, -30.4285, 6.3837



92.8790, -6.8423, -45.4979

Sweetspot

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



106.2340, 31.9296, -21.2532



195.9740, 12.8308, -8.7472



141.5390, 2.1993, -52.2157



96.9160, 7.4364, -5.1883



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



106.2340, 31.9296, -21.2532



121.4510, 49.5707, -32.8445



97.8270, 36.0743, 2.7827



80.2000, 3.3524, -1.9294



41.1670, 53.6547, -36.1035



6.1440, 8.3100, -5.3883

Inverse Universe

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



111.3470, -2.6361, 52.3157



129.4800, -4.1806, 81.1400



155.1730, -36.0743, -2.7827



80.9190, -0.4531, 5.3330



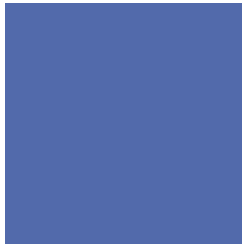
49.5240, -4.2023, 88.1175



7.5610, -0.7696, 13.5400

Previews

White Background



This preview shows how the YUV color 106.2340, 31.9296, -21.2532 looks on a white background.

Color Contrast Check

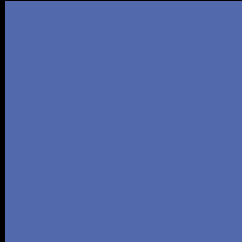
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 106.2340, 31.9296, -21.2532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

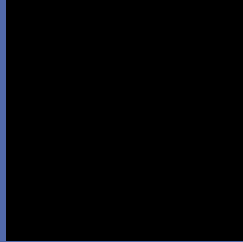
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

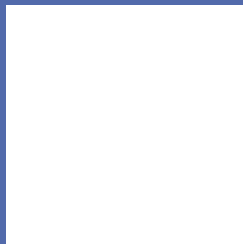
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 106.2340, 31.9296, -21.2532

Background



This preview shows how black text looks on a background with the YUV color 106.2340, 31.9296, -21.2532.

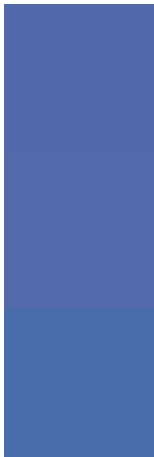


This preview shows how white text looks on a background with the YUV color 106.2340, 31.9296, -21.2532.

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

106.2340, 31.9296, -21.2532

Protanopia

106.5330, 31.7822, -20.6384

Deuteranopia

104.7170, 32.6775, -27.8158



Tritanopia

102.3750, 11.1541, -31.0239

Trichromacy



Original Color

106.2340, 31.9296, -21.2532

Protanomaly

106.5330, 31.7822, -20.6384

Deuteranomaly

105.0270, 32.5247, -25.4567

Tritanomaly

103.4600, 19.0002, -27.5904

Monochromacy



Original Color

106.2340, 31.9296, -21.2532

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

106.0450, 11.8098, -7.9325

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.2340, 31.9296, -21.2532 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, 106, 171)` looks like.

```
.text, #text, p{  
    color:rgb(82, 106, 171)  
}
```

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, 106, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 106, 171) }
```

Border

The CSS property to change the border of an element to YUV 106.2340, 31.9296, -21.2532 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, 106, 171) }
```


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

```
.border{ border-color:rgb(82, 106, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 106, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 106, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 106, 171);  
box-shadow:4px 4px 4px 4px rgb(82, 106,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 106.2340, 31.9296, -21.2532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 106, 171) }
```

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

```
.background{ background-color: rgb(82, 106,  
171) }
```

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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