

Converting Colors

YUV(106.4230, 35.2875,
-24.9270)

Have a look what the booklet for
YUV(106.4230, 35.2875, -24.9270)
contains.

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Color

**YUV(106.4230, 35.2875,
-24.9270)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 4E6BB2 |
| RGB | 78, 107, 178 |
| RGB Percent | 31%, 42%, 70% |
| CMY | 0.6941, 0.5804, 0.3020 |
| CMYK | 0.56, 0.40, 0.00, 0.30 |
| HSL | 223°, 39%, 50% |
| HSV | 223°, 56%, 70% |
| XYZ | 16.4355, 15.3494, 44.2160 |
| YIQ | 106.4230, -40.0750, 15.9330 |

Conversions

Conversions Part 2

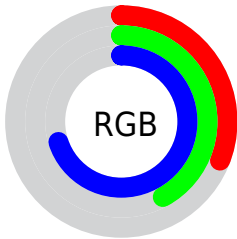
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 78, 100, 178 |
| Decimal | 5139378 |
| CIE Lab | 46.11, 10.85, -41.02 |
| CIE LCh | 46, 42.430, 284.812 |
| Yxy | 15.3494, 0.2163, 0.2020 |
| Android (android.graphics.Color) | 4283329458 (0xFF4E6BB2) |
| YUV | 106.4230, 35.2875, -24.9270 |
| Hunter-Lab | 39.1784, 6.3192, -39.4887 |

Details

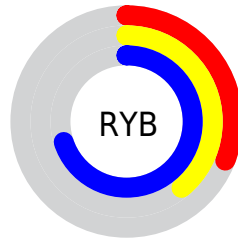
The YUV color **106.4230, 35.2875, -24.9270** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **149.5770, -35.2875, 24.9270**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.4880, 36.7344, -22.3530**, and **51.8620, 36.0570, -38.4670** is the 20% darker color. If you saturate the color by 10%, you get **93.4100, 41.7029, -29.3006**, and if you desaturate by 10%, it is **119.4360, 28.8721, -20.5534**.

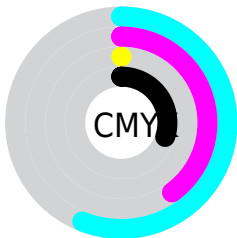
Distribution



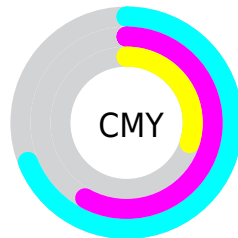
- Red (31%)
- Green (42%)
- Blue (70%)



- Red (31%)
- Yellow (39%)
- Blue (70%)



- Cyan (56%)
- Magenta (40%)
- Yellow (0%)
- Black (30%)



- Cyan (69%)
- Magenta (58%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.4230, 35.2875, -24.9270 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 106.4230, 35.2875, -24.9270 by changing the saturation by 10% instead.

■ 106.4230, 35.2875,
-24.9270

■ 106.4230, 35.2875,
-24.9270

■ 255.0000, 0.0000,
0.0000

■ 80.5860, 34.7141,
-27.7009

■ 159.4880, 36.7344,
-22.3530

■ 51.8620, 36.0570,
-38.4670

■ 186.1030, 33.9662,
-21.1383

■ 34.1790, 31.9568,
-29.9750

■ 210.3240, 22.0253,
-17.8241

■ 19.7030, 27.2614,
-17.2795

■ 236.0180, 9.3581,
-14.9248

■ 8.2760, 21.5559,
-7.2581

■ 253.2060, 0.8844,
-3.6887

■ 4.5940, 12.5252,
-4.0289

■ 0.0000, 0.0000,

0.0000

■ 106.4230, 35.2875,
-24.9270

■ 106.4230, 35.2875,
-24.9270

■ 93.4100, 41.7029,
-29.3006

■ 119.4360, 28.8721,
-20.5534

■ 80.9840, 47.8289,
-34.1890

■ 131.8620, 22.7460,
-15.6650

■ 68.2700, 54.0969,
-37.9478

■ 144.5760, 16.4780,
-11.9062

■ 55.2570, 60.5123,
-42.3214

■ 157.5890, 10.0626,
-7.5326

■ 50.8160, 62.7017,
-44.5656

■ 170.0150, 3.9366,
-2.6442

■ 183.0280, -2.4788,
1.7294

■ 195.4540, -8.6048,
6.6178

■ 208.1680,
-14.8728, 10.3767

■ 221.1810,
-21.2882, 14.7503

Harmonies

Analogous

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



89.5580, 43.6019, -78.5424



106.4230, 35.2875, -24.9270



112.8970, 23.2218, 18.5073

Triad

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



106.4230, 35.2875, -24.9270



107.6570, -23.0019, 51.1668



84.1080, 2.4118, -73.7627

Complementary

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



106.4230, 35.2875, -24.9270



149.5770, -35.2875, 24.9270

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.



98.9390, -21.1689, -23.6255



106.4230, 35.2875, -24.9270



106.6750, -33.8568, 32.7340

Square

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



106.4230, 35.2875, -24.9270



108.7130, -7.7465, 58.1337



103.9230, -33.4860, 7.0835



88.9130, 18.2839, -77.9767

Rectangle

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



106.4230, 35.2875, -24.9270



112.2110, 13.7000, 39.2800



103.9230, -33.4860, 7.0835



90.6500, -6.2364, -53.1900

Sweetspot

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



106.4230, 35.2875, -24.9270



203.9030, 13.8518, -9.5619



144.6800, 1.6368, -58.4784



100.7310, 8.0206, -5.9031



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



106.4230, 35.2875, -24.9270



121.0850, 54.6811, -38.6625



95.3800, 40.7317, 2.2977



82.7870, 3.0630, -2.4442



43.2700, 54.0969, -37.9478



7.0730, 9.3310, -6.2030

Inverse Universe

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



111.2060, -2.0736, 58.5783



128.4750, -3.1922, 90.7914



160.6200, -40.7317, -2.2977



83.0330, -0.0163, 5.2331



50.7630, -3.3342, 89.6618



8.5720, -0.7750, 15.2844

Previews

White Background



This preview shows how the YUV color 106.4230, 35.2875, -24.9270 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 106.4230, 35.2875, -24.9270 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

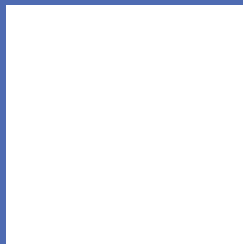
Any Text WCAG AAA × Fail

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

YUV 106.4230, 35.2875, -24.9270 Background



This preview shows how black text looks on a background with the YUV color 106.4230, 35.2875, -24.9270.



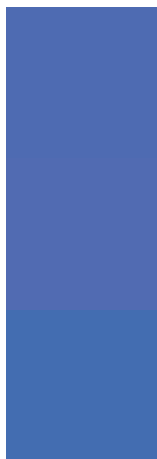
This preview shows how white text looks on a background with the YUV color 106.4230, 35.2875, -24.9270.

-24.9270.

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

106.4230, 35.2875, -24.9270

Protanopia

107.3200, 34.8452, -23.0826

Deuteranopia

104.1940, 35.8934, -32.6191



Tritanopia

101.0860, 12.7756, -37.7864

Trichromacy



Original Color

106.4230, 35.2875, -24.9270

Protanomaly

107.0210, 34.9926, -23.6974

Deuteranomaly

104.8030, 35.5931, -29.6452

Tritanomaly

102.9970, 21.2005, -33.3234

Monochromacy



Original Color

106.4230, 35.2875, -24.9270

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

105.9740, 12.8308, -8.7472

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.4230, 35.2875, -24.9270 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, 107, 178)` looks like.

```
.text, #text, p{  
    color:rgb(78, 107, 178)  
}
```

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, 107, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 107, 178) }
```

Border

The CSS property to change the border of an element to YUV 106.4230, 35.2875, -24.9270 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, 107, 178) }
```


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

```
.border{ border-color:rgb(78, 107, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 107, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 107, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 107, 178);  
box-shadow:4px 4px 4px 4px rgb(78, 107,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 106.4230, 35.2875, -24.9270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 107, 178) }
```

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

```
.background{ background-color: rgb(78, 107,  
178) }
```

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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