

Converting Colors

YUV(164.2180, 29.4725,
-26.5012)

Have a look what the booklet for
YUV(164.2180, 29.4725, -26.5012)
contains.

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Color

**YUV(164.2180, 29.4725,
-26.5012)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 86A8E0 |
| RGB | 134, 168, 224 |
| RGB Percent | 53%, 66%, 88% |
| CMY | 0.4745, 0.3412, 0.1216 |
| CMYK | 0.40, 0.25, 0.00, 0.12 |
| HSL | 217°, 59%, 70% |
| HSV | 217°, 40%, 88% |
| XYZ | 37.2887, 38.4554, 75.9783 |
| YIQ | 164.2180, -38.2400, 10.2080 |

Conversions

Conversions Part 2

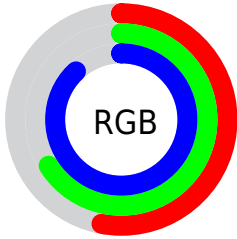
| Format | Color |
|-------------------------------------|---|
| RYB | 134, 159, 224 |
| Decimal | 8825056 |
| CIELab | 68.35, 2.43, -31.95 |
| CIElCh | 68, 32.047, 274.350 |
| Yxy | 38.4554, 0.2458, 0.2535 |
| Android (android.graphics.Color) | 4287015136 (0xFF86A8E0) |
| YUV | 164.2180, 29.4725, -26.5012 |
| Hunter-Lab | 62.0124, -1.1879, -29.2341 |

Details

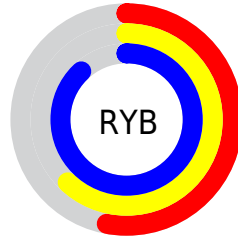
The YUV color $164.2180, 29.4725, -26.5012$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $193.7820, -29.4725, 26.5012$, and the grayscale version is $164.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $216.7810, 18.8420, -23.4869$, and $111.2780, 28.4569, -27.4308$ is the 20% darker color. If you saturate the color by 10%, you get $149.4220, 36.7670, -32.8191$, and if you desaturate by 10%, it is $179.0140, 22.1781, -20.1833$.

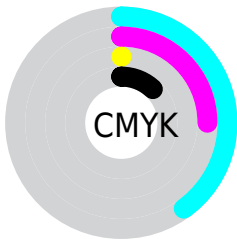
Distribution



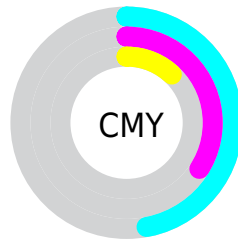
- Red (53%)
- Green (66%)
- Blue (88%)



- Red (53%)
- Yellow (62%)
- Blue (88%)



- Cyan (40%)
- Magenta (25%)
- Yellow (0%)
- Black (12%)



- Cyan (47%)
- Magenta (34%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.2180, 29.4725, -26.5012 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 164.2180, 29.4725, -26.5012 by changing the saturation by 10% instead.

■ 164.2180, 29.4725,
-26.5012

■ 164.2180, 29.4725,
-26.5012

255.0000, 0.0000,
0.0000

■ 137.6910, 28.7463,
-26.9160

■ 216.7810, 18.8420,
-23.4869

■ 111.2780, 28.4569,
-27.4308

■ 242.4750, 6.1748,
-20.5876

■ 85.7400, 27.7362,
-29.5900

■ 252.9070, 1.0318,
-4.3034

■ 58.8210, 28.1892,
-34.9230

■ 37.9630, 26.1472,
-33.2936

■ 22.9000, 21.7413,
-20.0833

■ 6.8910, 18.7877,

-6.0434

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 164.2180, 29.4725,
-26.5012

■ 164.2180, 29.4725,
-26.5012

■ 149.4220, 36.7670,
-32.8191

■ 179.0140, 22.1781,
-20.1833

■ 134.3270, 44.2088,
-39.7518

■ 194.1090, 14.7363,
-13.2506

■ 119.5310, 51.5032,
-46.0697

■ 208.9050, 7.4418,
-6.9327

■ 104.4360, 58.9451,
-53.0024

■ 224.0000, 0.0000,
0.0000

■ 89.6400, 66.2395,
-59.3203

■ 238.7960, -7.2944,
6.3179

■ 75.4310, 73.2445,
-66.1530

■ 249.7050,
-12.6726, 4.6437

■ 251.4660,
-13.5407, 3.0993

Harmonies

Analogous

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



155.0740, 31.0225, -57.0699



164.2180, 29.4725, -26.5012



169.7660, 21.8074, 5.4672

Triad

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



164.2180, 29.4725, -26.5012



168.6440, -16.5865, 46.7932



156.7170, -7.7485, -34.8318

Complementary

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



164.2180, 29.4725, -26.5012



193.7820, -29.4725, 26.5012

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.



161.3260, -21.3597, -9.0559



164.2180, 29.4725, -26.5012



166.5750, -25.4265, 35.4527

Square

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



164.2180, 29.4725, -26.5012



170.3740, -3.6354, 46.1530



164.2860, -27.2560, 15.5352



151.9170, 8.9149, -59.5632

Rectangle

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



164.2180, 29.4725, -26.5012



170.7530, 14.9118, 23.8956



164.2860, -27.2560, 15.5352



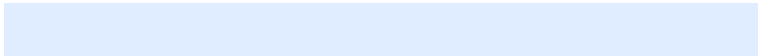
158.6920, -13.1592, -26.0399

Sweetspot

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



164.2180, 29.4725, -26.5012



234.5780, 10.0680, -9.2769



193.2140, -1.5845, -51.9307



115.5740, 6.1260, -4.8884



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.



164.2180, 29.4725, -26.5012



173.9100, 39.9774, -35.8781



147.5490, 37.6903, -2.2355



104.6020, 3.6472, -3.1590



58.8060, 57.7766, -51.5729



16.0380, 15.7573, -14.0653

Inverse Universe

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



164.7860, 1.5845, 51.9307



174.7220, 2.1091, 70.4038



210.7500, -37.8377, 2.8502



104.7450, 0.1257, 6.3626



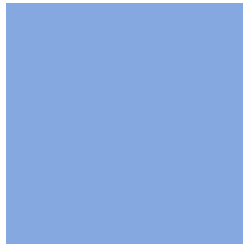
60.1480, 2.8850, 101.6022



16.4040, 0.7868, 27.7097

Previews

White Background



This preview shows how the YUV color 164.2180, 29.4725, -26.5012 looks on a white background.

Color Contrast Check

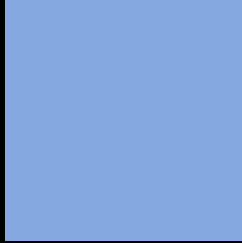
Large Text (above 18pt) WCAG AA × Fail

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 164.2180, 29.4725, -26.5012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

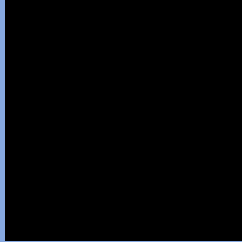
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 164.2180, 29.4725, -26.5012

Background



This preview shows how black text looks on a background with the YUV color 164.2180, 29.4725, -26.5012.



This preview shows how white text looks on a background with the YUV color 164.2180, 29.4725, -26.5012.

-26.5012.

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

164.2180, 29.4725, -26.5012

Protanopia

166.3120, 26.9612, -14.3056

Deuteranopia

166.4690, 28.8558, -15.3203



Tritanopia

161.6460, 13.4855, -32.1385

Trichromacy



Original Color

164.2180, 29.4725, -26.5012

Protanomaly

165.2190, 27.9930, -18.6091

Deuteranomaly

165.5610, 29.3034, -18.9090

Tritanomaly

162.2640, 19.5898, -30.0495

Monochromacy



Original Color

164.2180, 29.4725, -26.5012

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

163.8060, 10.9416, -9.4769

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.2180, 29.4725, -26.5012 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(134, 168, 224)` looks like.

```
.text, #text, p{  
    color:rgb(134, 168, 224)  
}
```

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(134, 168, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 168, 224) }
```

Border

The CSS property to change the border of an element to YUV 164.2180, 29.4725, -26.5012 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(134, 168, 224) }
```


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

```
.border{ border-color:rgb(134, 168, 224) }
```

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

Here you see how a box with a 4 pixel rgb(134, 168, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 168, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 168, 224);  
box-shadow:4px 4px 4px 4px rgb(134, 168,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 164.2180, 29.4725, -26.5012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 168, 224) }
```

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

```
.background{ background-color: rgb(134,  
168, 224) }
```

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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