

Converting Colors

YUV(160.1580, 30.4881,
-25.5716)

Have a look what the booklet for
YUV(160.1580, 30.4881, -25.5716)
contains.

YUV(160.1580, 30.4881, -25.5716)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(160.1580, 30.4881,
-25.5716)**

Conversions

Conversions Part 1

Format	Color
Hex	83A3DE
RGB	131, 163, 222
RGB Percent	51%, 64%, 87%
CMY	0.4863, 0.3608, 0.1294
CMYK	0.41, 0.27, 0.00, 0.13
HSL	219°, 58%, 69%
HSV	219°, 41%, 87%
XYZ	35.6421, 36.2936, 74.2341
YIQ	160.1580, -38.0110, 11.5650

Conversions

Conversions Part 2

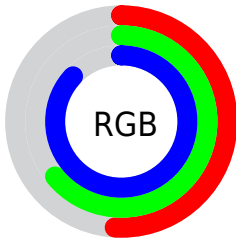
Format	Color
RYB	131, 155, 222
Decimal	8627166
CIELab	66.74, 3.91, -33.36
CIElCh	67, 33.593, 276.679
Yxy	36.2936, 0.2438, 0.2483
Android (android.graphics.Color)	4286817246 (0xFF83A3DE)
YUV	160.1580, 30.4881, -25.5716
Hunter-Lab	60.2442, 0.1781, -30.8874

Details

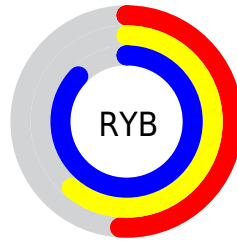
The YUV color $160.1580, 30.4881, -25.5716$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $192.8420, -30.4881, 25.5716$, and the grayscale version is $160.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $212.9490, 20.7311, -22.7573$, and $107.5060, 29.3305, -27.6308$ is the 20% darker color. If you saturate the color by 10%, you get $145.3620, 37.7825, -31.8895$, and if you desaturate by 10%, it is $174.9540, 23.1937, -19.2537$.

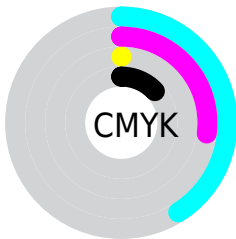
Distribution



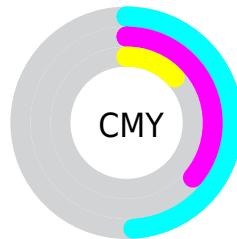
- Red (51%)
- Green (64%)
- Blue (87%)



- Red (51%)
- Yellow (61%)
- Blue (87%)



- Cyan (41%)
- Magenta (27%)
- Yellow (0%)
- Black (13%)



- Cyan (49%)
- Magenta (36%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 160.1580, 30.4881, -25.5716 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 160.1580, 30.4881, -25.5716 by changing the saturation by 10% instead.

■ 160.1580, 30.4881,
-25.5716

■ 160.1580, 30.4881,
-25.5716

255.0000, 0.0000,
0.0000

■ 133.6310, 29.7619,
-25.9864

■ 212.9490, 20.7311,
-22.7573

■ 107.5060, 29.3305,
-27.6308

■ 238.0560, 8.3534,
-19.3431

■ 81.3810, 28.8992,
-29.2751

■ 252.0100, 1.4741,
-6.1478

■ 54.4510, 29.3577,
-36.3525

■ 35.3870, 26.4312,
-31.0344

■ 21.0250, 22.1727,
-18.4389

■ 6.6630, 17.9141,

-5.8435

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 160.1580, 30.4881,
-25.5716

■ 160.1580, 30.4881,
-25.5716

■ 145.3620, 37.7825,
-31.8895

■ 174.9540, 23.1937,
-19.2537

■ 129.9790, 45.3664,
-37.6926

■ 190.3370, 15.6099,
-13.4505

■ 114.8840, 52.8082,
-44.6253

■ 205.4320, 8.1680,
-6.5179

■ 99.5010, 60.3920,
-50.4284

■ 220.8150, 0.5842,
-0.7148

■ 84.7050, 67.6864,
-56.7463

■ 235.6110, -6.7102,
5.6032

■ 71.0940, 74.3967,
-62.3494

■ 247.7160,
-12.6780, 6.3881

■ 251.2380,
-14.4143, 3.2993

Harmonies

Analogous

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



150.2200, 32.9225, -59.8289



160.1580, 30.4881, -25.5716



165.6030, 22.3807, 8.2412

Triad

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



160.1580, 30.4881, -25.5716



164.0140, -17.7549, 48.2227



151.5100, -7.1534, -39.0353

Complementary

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



160.1580, 30.4881, -25.5716



192.8420, -30.4881, 25.5716

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.



156.0160, -21.2069, -11.4150



160.1580, 30.4881, -25.5716



162.2330, -26.7369, 35.7527

Square

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



160.1580, 30.4881, -25.5716



165.5700, -4.2250, 48.6121



159.9330, -28.5610, 14.0908



145.1550, 11.2626, -65.9109

Rectangle

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



160.1580, 30.4881, -25.5716



166.3620, 14.6115, 26.8695



159.9330, -28.5610, 14.0908



153.1970, -12.4221, -29.1138

Sweetspot

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



160.1580, 30.4881, -25.5716



233.9910, 10.3574, -8.7621



191.0290, -1.0003, -52.6454



115.5740, 6.1260, -4.8884



0.0000, 0.0000, 0.0000



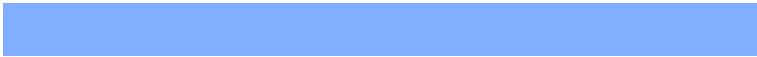
128.0000, 0.0000, 0.0000

Same Dimension

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



160.1580, 30.4881, -25.5716



170.0780, 41.8665, -35.1484



144.9620, 37.9797, -1.7207



104.6020, 3.6472, -3.1590



56.4580, 58.9342, -49.5137



15.4510, 16.0467, -13.5505

Inverse Universe

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



161.8570, 0.5635, 52.7454



172.3910, 0.7932, 72.4481



208.0380, -37.9797, 1.7207



104.7450, 0.1257, 6.3626



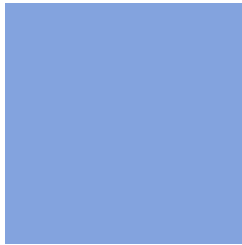
59.6920, 1.1378, 102.0021



16.2900, 0.3500, 27.8097

Previews

White Background



This preview shows how the YUV color 160.1580, 30.4881, -25.5716 looks on a white background.

Color Contrast Check

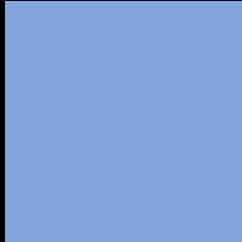
Large Text (above 18pt) WCAG AA × Fail

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 160.1580, 30.4881, -25.5716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

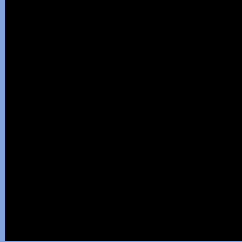
Any Text WCAG AA ✓ Pass

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 160.1580, 30.4881, -25.5716 Background



This preview shows how black text looks on a background with the YUV color 160.1580, 30.4881, -25.5716.



This preview shows how white text looks on a background with the YUV color 160.1580, 30.4881, -25.5716.

-25.5716.

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

160.1580, 30.4881, -25.5716

Protanopia

162.3550, 28.4190, -15.2203

Deuteranopia

162.0990, 30.0242, -16.7498



Tritanopia

156.9450, 13.3381, -31.5238

Trichromacy



Original Color

160.1580, 30.4881, -25.5716

Protanomaly

161.5610, 29.3034, -18.9090

Deuteranomaly

161.4900, 30.3244, -19.7237

Tritanomaly

157.9760, 19.7318, -28.9200

Monochromacy



Original Color

160.1580, 30.4881, -25.5716

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

159.9200, 11.3784, -9.5768

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.1580, 30.4881, -25.5716 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(131, 163, 222)` looks like.

```
.text, #text, p{  
    color:rgb(131, 163, 222)  
}
```

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(131, 163, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 163, 222) }
```

Border

The CSS property to change the border of an element to YUV 160.1580, 30.4881, -25.5716 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(131, 163, 222) }
```


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

```
.border{ border-color:rgb(131, 163, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 163, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 163, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 163, 222);  
box-shadow:4px 4px 4px 4px rgb(131, 163,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 160.1580, 30.4881, -25.5716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 163, 222) }
```

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

```
.background{ background-color: rgb(131,  
163, 222) }
```

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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