

Converting Colors

YUV(164.4410, 27.8836,
-30.2048)

Have a look what the booklet for
YUV(164.4410, 27.8836, -30.2048)
contains.

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Color

**YUV(164.4410, 27.8836,
-30.2048)**

Conversions

Conversions Part 1

Format	Color
Hex	82ABDD
RGB	130, 171, 221
RGB Percent	51%, 67%, 87%
CMY	0.4902, 0.3294, 0.1333
CMYK	0.41, 0.23, 0.00, 0.13
HSL	213°, 57%, 69%
HSV	213°, 41%, 87%
XYZ	36.8200, 39.0921, 74.0115
YIQ	164.4410, -40.4860, 6.8580

Conversions

Conversions Part 2

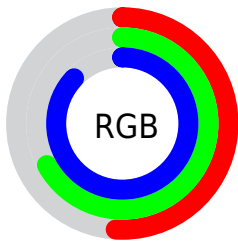
Format	Color
RYB	130, 158, 221
Decimal	8563677
CIELab	68.82, -1.11, -29.61
CIELCh	69, 29.633, 267.863
Yxy	39.0921, 0.2456, 0.2607
Android (android.graphics.Color)	4286753757 (0xFF82ABDD)
YUV	164.4410, 27.8836, -30.2048
Hunter-Lab	62.5237, -4.2984, -26.4171

Details

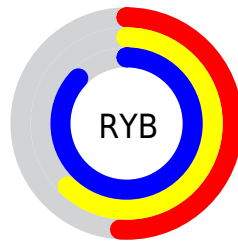
The YUV color **164.4410, 27.8836, -30.2048** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **186.5590, -27.8836, 30.2048**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.3460, 18.5634, -27.4904**, and **111.2020, 27.0154, -31.7492** is the 20% darker color. If you saturate the color by 10%, you get **150.8190, 34.5992, -37.5523**, and if you desaturate by 10%, it is **178.0630, 21.1679, -22.8573**.

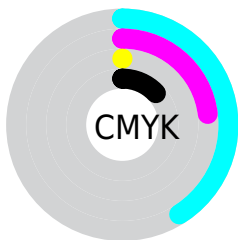
Distribution



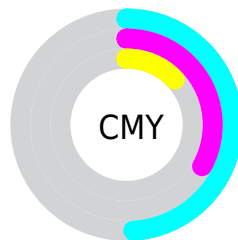
- Red (51%)
- Green (67%)
- Blue (87%)



- Red (51%)
- Yellow (62%)
- Blue (87%)



- Cyan (41%)
- Magenta (23%)
- Yellow (0%)
- Black (13%)



- Cyan (49%)
- Magenta (33%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.4410, 27.8836, -30.2048 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 164.4410, 27.8836, -30.2048 by changing the saturation by 10% instead.

■ 164.4410, 27.8836,
-30.2048

■ 164.4410, 27.8836,
-30.2048

255.0000, 0.0000,
0.0000

■ 137.9140, 27.1574,
-30.6196

■ 217.3460, 18.5634,
-27.4904

■ 111.2020, 27.0154,
-31.7492

■ 243.0400, 5.8963,
-24.5911

■ 85.0770, 26.5840,
-33.3935

■ 251.7110, 1.6215,
-6.7625

■ 57.6630, 27.7741,
-41.8005

■ 38.9090, 24.6949,
-34.1232

■ 23.8460, 20.2889,
-20.9129

■ 6.6630, 17.9141,

-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,
0.0000

■ 164.4410, 27.8836,
-30.2048

■ 164.4410, 27.8836,
-30.2048

■ 150.8190, 34.5992,
-37.5523

■ 178.0630, 21.1679,
-22.8573

■ 137.1970, 41.3149,
-44.8998

■ 191.6850, 14.4523,
-15.5097

■ 123.5750, 48.0305,
-52.2473

■ 205.3070, 7.7366,
-8.1622

■ 109.3660, 55.0356,
-59.0800

■ 219.5160, 0.7316,
-1.3295

■ 95.4450, 61.8986,
-67.0423

■ 233.4370, -6.1314,
6.6328

■ 83.8940, 67.5933,
-73.5750

■ 244.6670,
-11.6678, 9.0620

■ 251.1240,
-14.8511, 3.3993

Harmonies

Analogous

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



156.8740, 27.6701, -55.1405



164.4410, 27.8836, -30.2048



170.1350, 22.1184, -0.9954

Triad

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



164.4410, 27.8836, -30.2048



170.5450, -13.0867, 44.2490



160.0770, -10.3910, -27.2545

Complementary

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



164.4410, 27.8836, -30.2048



186.5590, -27.8836, 30.2048

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.



163.9570, -21.6708, -2.5933



164.4410, 27.8836, -30.2048



168.3840, -22.3743, 36.4972

Square

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



164.4410, 27.8836, -30.2048



171.5520, -0.2721, 40.7349



166.9490, -26.1039, 19.3387



156.1310, 4.3724, -49.2269

Rectangle

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



164.4410, 27.8836, -30.2048



171.9370, 15.8071, 16.7183



166.9490, -26.1039, 19.3387



161.2800, -14.9280, -18.6626

Sweetspot

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



164.4410, 27.8836, -30.2048



235.7520, 9.4893, -10.3065



189.0030, -4.9315, -51.7456



116.7480, 5.5472, -5.9180



0.0000, 0.0000, 0.0000



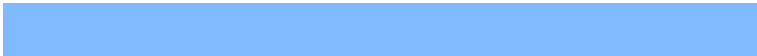
128.0000, 0.0000, 0.0000

Same Dimension

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



164.4410, 27.8836, -30.2048



177.1220, 38.3939, -41.3260



141.2710, 39.3064, -7.2537



103.1890, 3.3578, -3.6738



65.5080, 52.9936, -57.4505



17.5710, 14.0155, -15.4098

Inverse Universe

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



161.8830, 4.4947, 51.8456



173.7590, 6.0348, 71.2484



209.7290, -39.3064, 7.2537



102.8590, 0.5625, 6.2627



60.6190, 8.5688, 98.5581



16.1480, 2.3920, 26.1802

Previews

White Background



This preview shows how the YUV color 164.4410, 27.8836, -30.2048 looks on a white background.

Color Contrast Check

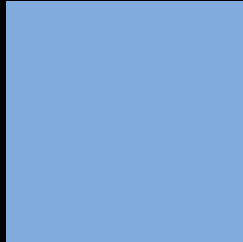
Large Text (above 18pt) WCAG AA × Fail

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 164.4410, 27.8836, -30.2048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

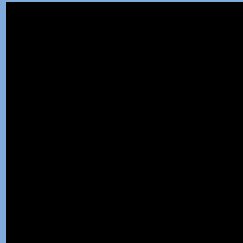
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

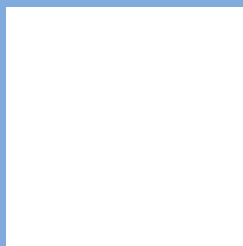
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 164.4410, 27.8836, -30.2048

Background



This preview shows how black text looks on a background with the YUV color 164.4410, 27.8836, -30.2048.



This preview shows how white text looks on a background with the YUV color 164.4410, 27.8836, -30.2048.

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

164.4410, 27.8836, -30.2048

Protanopia

167.6390, 24.3350, -11.9614

Deuteranopia

167.9100, 26.6664, -13.0761



Tritanopia

161.5640, 14.5119, -34.6976

Trichromacy



Original Color

164.4410, 27.8836, -30.2048

Protanomaly

166.2360, 25.5197, -18.6240

Deuteranomaly

166.6920, 27.2668, -19.0239

Tritanomaly

162.5410, 19.4533, -32.9235

Monochromacy



Original Color

164.4410, 27.8836, -30.2048

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

164.5670, 10.0735, -11.0213

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.4410, 27.8836, -30.2048 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(130, 171, 221)` looks like.

```
.text, #text, p{  
    color:rgb(130, 171, 221)  
}
```

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(130, 171, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 171, 221) }
```

Border

The CSS property to change the border of an element to YUV 164.4410, 27.8836, -30.2048 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(130, 171, 221) }
```


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

```
.border{ border-color:rgb(130, 171, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 171, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 171, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 171, 221);  
box-shadow:4px 4px 4px 4px rgb(130, 171,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 164.4410, 27.8836, -30.2048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 171, 221) }
```

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

```
.background{ background-color: rgb(130,  
171, 221) }
```

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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