

Converting Colors

YUV(164.1040, 25.5847,
-39.5562)

Have a look what the booklet for
YUV(164.1040, 25.5847, -39.5562)
contains.

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Color

**YUV(164.1040, 25.5847,
-39.5562)**

Conversions

Conversions Part 1

Format	Color
Hex	77B1D8
RGB	119, 177, 216
RGB Percent	47%, 69%, 85%
CMY	0.5333, 0.3059, 0.1529
CMYK	0.45, 0.18, 0.00, 0.15
HSL	204°, 55%, 66%
HSV	204°, 45%, 85%
XYZ	35.7246, 40.3241, 70.8662
YIQ	164.1040, -47.0870, -0.1670

Conversions

Conversions Part 2

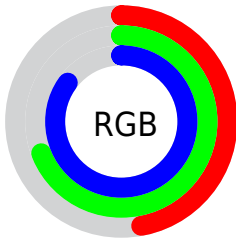
Format	Color
RYB	119, 155, 216
Decimal	7844312
CIELab	69.70, -8.56, -25.56
CIELCh	70, 26.959, 251.494
Yxy	40.3241, 0.2432, 0.2745
Android (android.graphics.Color)	4286034392 (0xFF77B1D8)
YUV	164.1040, 25.5847, -39.5562
Hunter-Lab	63.5012, -10.7066, -21.7156

Details

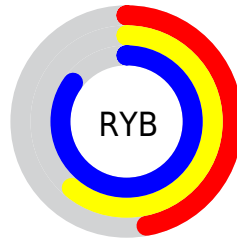
The YUV color **164.1040, 25.5847, -39.5562** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **170.8960, -25.5847, 39.5562**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.1660, 18.1592, -37.8566**, and **110.5660, 24.8640, -41.7154** is the 20% darker color. If you saturate the color by 10%, you get **152.2430, 31.4322, -48.4481**, and if you desaturate by 10%, it is **175.9650, 19.7373, -30.6643**.

Distribution



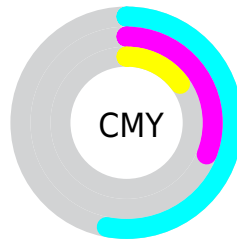
- Red (47%)
- Green (69%)
- Blue (85%)



- Red (47%)
- Yellow (61%)
- Blue (85%)



- Cyan (45%)
- Magenta (18%)
- Yellow (0%)
- Black (15%)



- Cyan (53%)
- Magenta (31%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.1040, 25.5847, -39.5562 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 164.1040, 25.5847, -39.5562 by changing the saturation by 10% instead.

■ 164.1040, 25.5847,
-39.5562

■ 164.1040, 25.5847,
-39.5562

255.0000, 0.0000,
0.0000

■ 136.6910, 25.2953,
-40.0710

■ 218.1660, 18.1592,
-37.8566

■ 110.5660, 24.8640,
-41.7154

■ 239.7510, 7.5178,
-31.3536

■ 83.3590, 25.4590,
-45.9188

■ 248.4220, 3.2430,
-13.5251

■ 57.0380, 25.6173,
-50.0223

■ 40.8010, 21.7901,
-35.7825

■ 25.7380, 17.3842,
-22.5722

■ 6.3210, 16.6037,

-5.5435

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,
0.0000

■ 164.1040, 25.5847,
-39.5562

■ 164.1040, 25.5847,
-39.5562

■ 152.2430, 31.4322,
-48.4481

■ 175.9650, 19.7373,
-30.6643

■ 141.2680, 36.8429,
-57.2400

■ 186.9400, 14.3266,
-21.8724

■ 129.4070, 42.6903,
-66.1319

■ 198.8010, 8.4791,
-12.9805

■ 117.8450, 48.3904,
-74.4091

■ 210.3630, 2.7790,
-4.7034

■ 106.5710, 53.9485,
-83.8158

■ 221.6370, -2.7790,
4.7034

■ 100.3470, 57.0169,
-88.0043

■ 233.4980, -8.6265,
13.5953

■ 240.5750,
-12.1155, 12.6507

■ 245.2710,
-14.4306, 8.5323

■ 250.5540,
-17.0351, 3.8991

Harmonies

Analogous

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



159.1640, 21.1181, -53.6408



164.1040, 25.5847, -39.5562



169.8020, 23.7616, -14.7354

Triad

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



164.1040, 25.5847, -39.5562



173.4720, -5.6557, 40.8051



165.3840, -15.9653, -12.6148

Complementary

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



164.1040, 25.5847, -39.5562



170.8960, -25.5847, 39.5562

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.



168.0940, -22.7243, 8.6876



164.1040, 25.5847, -39.5562



172.0020, -16.2700, 38.5862

Square

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



164.1040, 25.5847, -39.5562



174.0930, 5.8702, 30.6134



170.5030, -22.9260, 26.7459



161.7540, -3.8227, -33.9873

Rectangle

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



164.1040, 25.5847, -39.5562



173.0600, 19.1974, 2.5784



170.5030, -22.9260, 26.7459



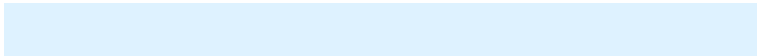
165.7440, -18.6078, -5.0375

Sweetspot

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



164.1040, 25.5847, -39.5562



237.5020, 8.6265, -13.5953



180.3850, -11.0358, -53.8346



116.4380, 5.7001, -8.2771



0.0000, 0.0000, 0.0000



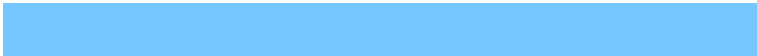
128.0000, 0.0000, 0.0000

Same Dimension

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



164.1040, 25.5847, -39.5562



181.4530, 36.2587, -56.5253



135.9280, 39.4755, -14.8459



101.3630, 2.7790, -4.7034



79.3680, 45.1746, -69.6057



20.1640, 11.2581, -17.6838

Inverse Universe

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



154.6150, 11.0358, 53.8346



167.7240, 15.9121, 76.5411



199.0720, -39.4755, 14.8459



100.0870, 1.4361, 6.0627



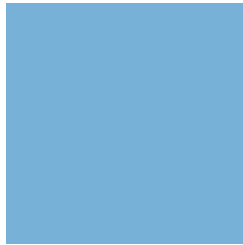
62.7570, 19.3468, 94.9291



15.8210, 5.0182, 23.8360

Previews

White Background



This preview shows how the YUV color 164.1040, 25.5847, -39.5562 looks on a white background.

Color Contrast Check

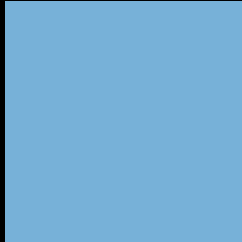
Large Text (above 18pt) WCAG AA × Fail

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 164.1040, 25.5847, -39.5562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

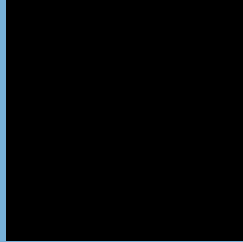
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 164.1040, 25.5847, -39.5562

Background



This preview shows how black text looks on a background with the YUV color 164.1040, 25.5847, -39.5562.



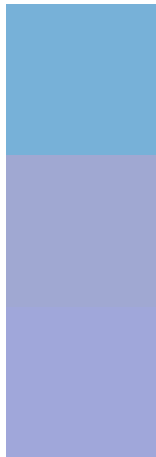
This preview shows how white text looks on a background with the YUV color 164.1040, 25.5847, -39.5562.

-39.5562.

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

164.1040, 25.5847, -39.5562

Protanopia

170.3960, 19.5248, -9.1173

Deuteranopia

170.7210, 23.3085, -9.4023



Tritanopia

162.2640, 16.1388, -43.2045

Trichromacy



Original Color

164.1040, 25.5847, -39.5562

Protanomaly

167.9000, 21.7413, -20.0833

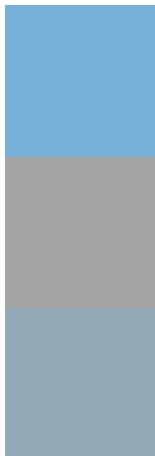
Deuteranomaly

168.4700, 23.9253, -20.5832

Tritanomaly

163.1870, 19.6278, -42.2600

Monochromacy



Original Color

164.1040, 25.5847, -39.5562

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

164.3170, 9.2107, -14.3100

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.1040, 25.5847, -39.5562 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(119, 177, 216)` looks like.

```
.text, #text, p{  
    color:rgb(119, 177, 216)  
}
```

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(119, 177, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 177, 216) }
```

Border

The CSS property to change the border of an element to YUV 164.1040, 25.5847, -39.5562 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(119, 177, 216) }
```


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

```
.border{ border-color:rgb(119, 177, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 177, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 177, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 177, 216);  
box-shadow:4px 4px 4px 4px rgb(119, 177,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 164.1040, 25.5847, -39.5562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 177, 216) }
```

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

```
.background{ background-color: rgb(119,  
177, 216) }
```

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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