

Converting Colors

YUV(167.0340, 25.1262,
-32.4788)

Have a look what the booklet for
YUV(167.0340, 25.1262, -32.4788)
contains.

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Color

**YUV(167.0340, 25.1262,
-32.4788)**

Conversions

Conversions Part 1

Format	Color
Hex	82B0DA
RGB	130, 176, 218
RGB Percent	51%, 69%, 85%
CMY	0.4902, 0.3098, 0.1451
CMYK	0.40, 0.19, 0.00, 0.15
HSL	209°, 54%, 68%
HSV	209°, 40%, 85%
XYZ	37.3861, 40.8585, 72.2457
YIQ	167.0340, -40.8980, 3.3100

Conversions

Conversions Part 2

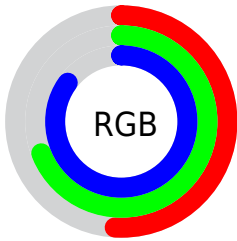
Format	Color
RYB	130, 160, 218
Decimal	8564954
CIELab	70.08, -4.67, -26.03
CIELCh	70, 26.448, 259.826
Yxy	40.8585, 0.2484, 0.2715
Android (android.graphics.Color)	4286755034 (0xFF82B0DA)
YUV	167.0340, 25.1262, -32.4788
Hunter-Lab	63.9206, -7.4593, -22.2675

Details

The YUV color **167.0340, 25.1262, -32.4788** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **180.9660, -25.1262, 32.4788**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.8680, 16.8271, -30.5792**, and **114.0940, 24.1107, -33.4084** is the 20% darker color. If you saturate the color by 10%, you get **154.5860, 31.2631, -40.8559**, and if you desaturate by 10%, it is **179.4820, 18.9894, -24.1017**.

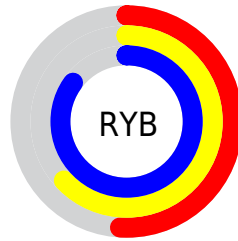
Distribution



Red (51%)

Green (69%)

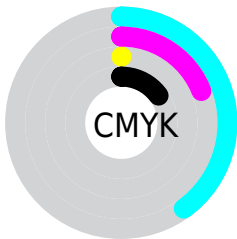
Blue (85%)



Red (51%)

Yellow (63%)

Blue (85%)

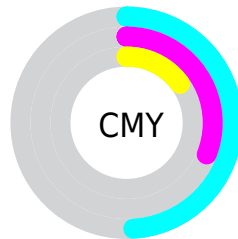


Cyan (40%)

Magenta (19%)

Yellow (0%)

Black (15%)



Cyan (49%)

Magenta (31%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.0340, 25.1262, -32.4788 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 167.0340, 25.1262, -32.4788 by changing the saturation by 10% instead.

■ 167.0340, 25.1262,
-32.4788

■ 167.0340, 25.1262,
-32.4788

255.0000, 0.0000,
0.0000

■ 139.9200, 24.6894,
-32.3788

■ 220.8680, 16.8271,
-30.5792

■ 114.0940, 24.1107,
-33.4084

■ 242.7410, 6.0437,
-25.2059

■ 88.0830, 24.1161,
-35.1528

■ 251.7110, 1.6215,
-6.7625

■ 60.2670, 25.0114,
-42.3302

■ 40.9150, 22.2269,
-35.8825

■ 25.9660, 18.2578,
-22.7722

■ 6.4350, 17.0405,

-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 167.0340, 25.1262,
-32.4788

■ 167.0340, 25.1262,
-32.4788

■ 154.5860, 31.2631,
-40.8559

■ 179.4820, 18.9894,
-24.1017

■ 141.5510, 37.6894,
-48.7182

■ 192.5170, 12.5631,
-16.2394

■ 129.4020, 43.6788,
-56.4806

■ 204.6660, 6.5737,
-8.4771

■ 116.3670, 50.1051,
-64.3429

■ 217.7010, 0.1474,
-0.6148

■ 103.9190, 56.2419,
-72.7200

■ 230.1490, -5.9895,
7.7623

■ 91.7700, 62.2314,
-80.4823

■ 240.8030,
-11.2419, 12.4508

■ 247.2600,
-14.4252, 6.7880

■ 250.7820,
-16.1615, 3.6992

Harmonies

Analogous

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



161.5280, 22.4177, -50.4521



167.0340, 25.1262, -32.4788



172.2760, 21.5559, -7.2581

Triad

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



167.0340, 25.1262, -32.4788



173.9620, -8.8553, 40.3753



165.5620, -12.6021, -18.0329

Complementary

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



167.0340, 25.1262, -32.4788



180.9660, -25.1262, 32.4788

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.



168.5170, -20.9609, 3.0546



167.0340, 25.1262, -32.4788



172.8230, -18.1537, 36.1122

Square

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



167.0340, 25.1262, -32.4788



175.4910, 2.2229, 33.7724



170.7690, -23.0571, 22.1276



161.7580, 0.1193, -38.3758

Rectangle

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



167.0340, 25.1262, -32.4788



174.1210, 16.7023, 9.5409



170.7690, -23.0571, 22.1276



166.3950, -15.9707, -10.8704

Sweetspot

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



167.0340, 25.1262, -32.4788



236.9260, 8.9105, -11.3361



186.3300, -7.5577, -49.4014



117.3350, 5.2578, -6.4328



0.0000, 0.0000, 0.0000



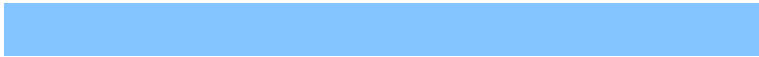
128.0000, 0.0000, 0.0000

Same Dimension

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



167.0340, 25.1262, -32.4788



184.4760, 34.7683, -45.1445



141.7930, 37.5701, -10.3425



103.1890, 3.3578, -3.6738



73.1390, 49.2315, -64.1429



19.3320, 13.1473, -16.9542

Inverse Universe

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



161.5560, 7.1209, 49.5014



176.7740, 9.9714, 68.6042



206.2070, -37.5701, 10.3425



102.8590, 0.5625, 6.2627



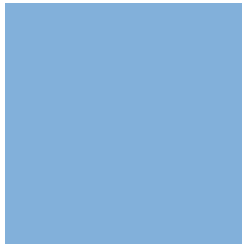
62.1010, 14.2472, 97.2584



16.4900, 3.7024, 25.8803

Previews

White Background



This preview shows how the YUV color 167.0340, 25.1262, -32.4788 looks on a white background.

Color Contrast Check

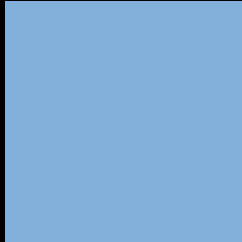
Large Text (above 18pt) WCAG AA × Fail

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 167.0340, 25.1262, -32.4788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

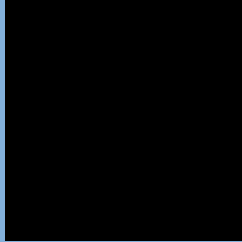
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 167.0340, 25.1262, -32.4788

Background



This preview shows how black text looks on a background with the YUV color 167.0340, 25.1262, -32.4788.



This preview shows how white text looks on a background with the YUV color 167.0340, 25.1262, -32.4788.

-32.4788.

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

167.0340, 25.1262, -32.4788

Protanopia

171.3250, 20.5458, -9.9320

Deuteranopia

171.8350, 23.7453, -9.5023



Tritanopia

164.9660, 14.8068, -35.9272

Trichromacy



Original Color

167.0340, 25.1262, -32.4788

Protanomaly

170.0250, 22.1727, -18.4389

Deuteranomaly

170.1930, 24.0619, -17.7093

Tritanomaly

165.8890, 18.2957, -34.9827

Monochromacy



Original Color

167.0340, 25.1262, -32.4788

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

167.0400, 9.3473, -11.4361

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.0340, 25.1262, -32.4788 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, 176, 218)` looks like.

```
.text, #text, p{  
    color:rgb(130, 176, 218)  
}
```

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, 176, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 176, 218) }
```

Border

The CSS property to change the border of an element to YUV 167.0340, 25.1262, -32.4788 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

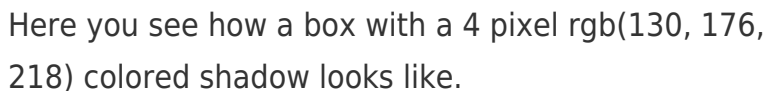
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(130, 176, 218) }
```


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

```
.border{ border-color:rgb(130, 176, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(130, 176, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(130, 176, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(130, 176, 218); box-shadow:4px 4px 4px 4px rgb(130, 176, 218) }
```

Background

The CSS property to change the background color of an element to YUV 167.0340, 25.1262, -32.4788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 176, 218) }
```

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

```
.background{ background-color: rgb(130,  
176, 218) }
```

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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