

Converting Colors

YUV(164.3620, 0.8075,
-25.7505)

Have a look what the booklet for
YUV(164.3620, 0.8075, -25.7505)
contains.

YUV(164.3620, 0.8075, -25.7505)	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(164.3620, 0.8075,
-25.7505)**

Conversions

Conversions Part 1

Format	Color
Hex	87B3A6
RGB	135, 179, 166
RGB Percent	53%, 70%, 65%
CMY	0.4706, 0.2980, 0.3490
CMYK	0.25, 0.00, 0.07, 0.30
HSL	162°, 22%, 62%
HSV	162°, 25%, 70%
XYZ	32.9947, 40.1443, 42.0860
YIQ	164.3620, -22.0510, -13.3710

Conversions

Conversions Part 2

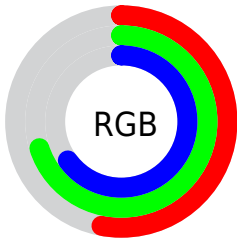
Format	Color
RYB	135, 161, 179
Decimal	8893350
CIELab	69.57, -17.44, 1.85
CIELCh	70, 17.541, 173.944
Yxy	40.1443, 0.2864, 0.3484
Android (android.graphics.Color)	4287083430 (0xFF87B3A6)
YUV	164.3620, 0.8075, -25.7505
Hunter-Lab	63.3595, -17.9246, 4.9688

Details

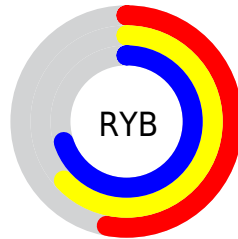
The YUV color $164.3620, 0.8075, -25.7505$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $149.6380, -0.8075, 25.7505$, and the grayscale version is $164.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $219.6500, 0.6656, -26.8800$, and $112.0740, 0.9495, -24.6209$ is the 20% darker color. If you saturate the color by 10%, you get $158.4100, 1.2769, -36.3166$, and if you desaturate by 10%, it is $170.3140, 0.3382, -15.1844$.

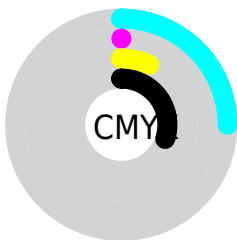
Distribution



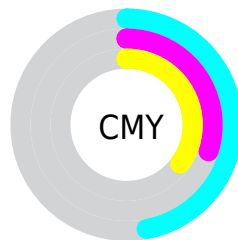
- Red (53%)
- Green (70%)
- Blue (65%)



- Red (53%)
- Yellow (63%)
- Blue (70%)



- Cyan (25%)
- Magenta (0%)
- Yellow (7%)
- Black (30%)



- Cyan (47%)
- Magenta (30%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.3620, 0.8075, -25.7505 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 164.3620, 0.8075, -25.7505 by changing the saturation by 10% instead.

■ 164.3620, 0.8075,
-25.7505

■ 164.3620, 0.8075,
-25.7505

255.0000, 0.0000,
0.0000

■ 137.7750, 1.0969,
-25.2357

■ 219.6500, 0.6656,
-26.8800

■ 112.0740, 0.9495,
-24.6209

■ 243.0680, 3.4175,
-22.8616

■ 87.4870, 1.2389,
-24.1061

■ 252.3090, 1.3267,
-5.5330

■ 63.4870, 1.2389,
-24.1061

■ 40.0030, 1.9705,
-25.4356

■ 22.1070, 0.9332,
-19.3878

■ 0.0000, 0.0000,

0.0000

■ 164.3620, 0.8075,
-25.7505

■ 164.3620, 0.8075,
-25.7505

■ 158.4100, 1.2769,
-36.3166

■ 170.3140, 0.3382,
-15.1844

■ 152.3440, 1.3094,
-46.7827

■ 176.3800, 0.3057,
-4.7183

■ 146.3920, 1.7787,
-57.3488

■ 182.3320, -0.1637,
5.8478

■ 140.4400, 2.2481,
-67.9149

■ 188.2840, -0.6330,
16.4139

■ 134.7870, 2.5700,
-77.8662

■ 194.2360, -1.1023,
26.9800

■ 128.7210, 2.6025,
-88.3323

■ 200.0030, -0.9875,
36.8314

■ 122.7690, 3.0719,
-98.8984

■ 204.4600, -0.7198,
44.3236

■ 119.4370, 3.2356,
-104.7462

■ 205.0300, 1.4642,
43.8237

■ 205.7140, 4.0850,
43.2238

Harmonies

Analogous

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



165.9630, -7.3768, -13.9996



164.3620, 0.8075, -25.7505



163.7940, 8.9756, -32.2683

Triad

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



164.3620, 0.8075, -25.7505



171.2460, 13.6827, -1.9697



171.4130, -13.0216, 23.3168

Complementary

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



164.3620, 0.8075, -25.7505



149.6380, -0.8075, 25.7505

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.



172.0420, -6.9227, 27.1502



164.3620, 0.8075, -25.7505



172.8520, 7.9610, 13.2848

Square

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



164.3620, 0.8075, -25.7505



168.1300, 16.2049, -17.6540



172.9690, 0.5083, 23.7062



170.0760, -15.3205, 13.9653

Rectangle

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



164.3620, 0.8075, -25.7505



164.8310, 12.9013, -31.4238



172.9690, 0.5083, 23.7062



171.5920, -11.1379, 25.7908

Sweetspot

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



164.3620, 0.8075, -25.7505



226.6460, 0.1745, -9.3365



164.7150, -14.6495, -14.6591



114.0810, 0.4531, -5.3330



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



164.3620, 0.8075, -25.7505



209.6870, 1.1403, -39.1905



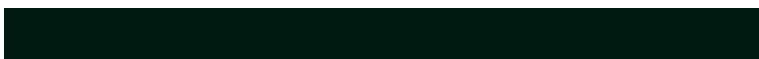
160.5610, 9.0904, -22.4170



86.0810, 0.4531, -5.3330



102.1230, 2.8974, -89.5619



17.3140, 0.3382, -15.1844

Inverse Universe

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



149.6380, -0.8075, 25.7505



187.3130, -1.1403, 39.1905



153.4390, -9.0904, 22.4170



83.0330, -0.0163, 5.2331



50.8770, -2.8974, 89.5619



8.6860, -0.3382, 15.1844

Previews

White Background



This preview shows how the YUV color 164.3620, 0.8075, -25.7505 looks on a white background.

Color Contrast Check

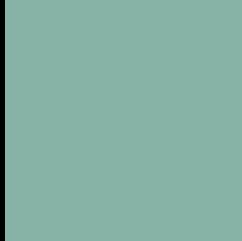
Large Text (above 18pt) WCAG AA × Fail

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 164.3620, 0.8075, -25.7505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

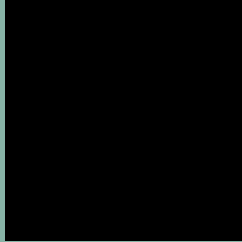
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 164.3620, 0.8075, -25.7505

Background



This preview shows how black text looks on a background with the YUV color 164.3620, 0.8075, -25.7505.



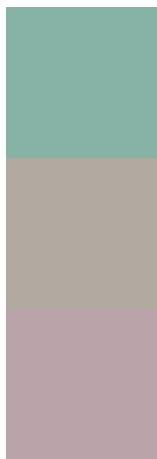
This preview shows how white text looks on a background with the YUV color 164.3620, 0.8075,

-25.7505.

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

164.3620, 0.8075, -25.7505

Protanopia

169.7680, -4.8156, 4.5885

Deuteranopia

171.1480, -1.0590, 13.0252



Tritanopia

166.8320, 11.4218, -23.5317

Trichromacy



Original Color

164.3620, 0.8075, -25.7505

Protanomaly

167.8590, -2.8885, -6.8923

Deuteranomaly

168.2880, -0.1420, -1.1296

Tritanomaly

165.7950, 7.4961, -24.3762

Monochromacy



Original Color

164.3620, 0.8075, -25.7505

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

163.7600, 0.6113, -9.4365

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.3620, 0.8075, -25.7505 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(135, 179, 166)` looks like.

```
.text, #text, p{  
    color:rgb(135, 179, 166)  
}
```

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(135, 179, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 179, 166) }
```

Border

The CSS property to change the border of an element to YUV 164.3620, 0.8075, -25.7505 is called "border". The border property can be set on classes, ids or directly on the HTML element.

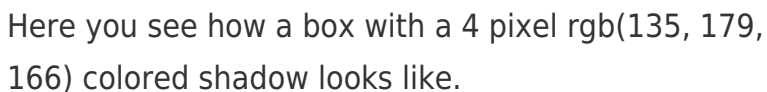
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 179, 166) }
```


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

```
.border{ border-color:rgb(135, 179, 166) }
```

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



Here you see how a box with a 4 pixel `rgb(135, 179, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 179, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 179, 166); box-shadow:4px 4px 4px 4px rgb(135, 179, 166) }
```

Background

The CSS property to change the background color of an element to YUV 164.3620, 0.8075, -25.7505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 179, 166) }
```

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

```
.background{ background-color: rgb(135,  
179, 166) }
```

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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