

Converting Colors

YUV(190.0320, -25.6518,
-32.4771)

Have a look what the booklet for
YUV(190.0320, -25.6518, -32.4771)
contains.

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Color

**YUV(190.0320, -25.6518,
-32.4771)**

Conversions

Conversions Part 1

Format	Color
Hex	99DB8A
RGB	153, 219, 138
RGB Percent	60%, 86%, 54%
CMY	0.4000, 0.1412, 0.4588
CMYK	0.30, 0.00, 0.37, 0.14
HSL	109°, 53%, 70%
HSV	109°, 37%, 86%
XYZ	43.0558, 59.2703, 33.2158
YIQ	190.0320, -13.3350, -39.1830

Conversions

Conversions Part 2

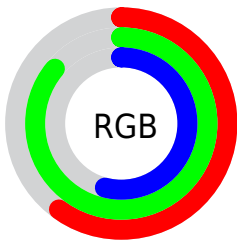
Format	Color
RYB	138, 219, 204
Decimal	10083210
CIELab	81.44, -36.00, 33.36
CIElCh	81, 49.081, 137.173
Yxy	59.2703, 0.3177, 0.4373
Android (android.graphics.Color)	4288273290 (0xFF99DB8A)
YUV	190.0320, -25.6518, -32.4771
Hunter-Lab	76.9872, -34.8998, 28.3106

Details

The YUV color **190.0320, -25.6518, -32.4771** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **166.9680, 25.6518, 32.4771**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.0640, -20.7376, -21.9811**, and **135.7870, -24.0520, -32.2622** is the 20% darker color. If you saturate the color by 10%, you get **182.1420, -32.6080, -41.3435**, and if you desaturate by 10%, it is **197.9220, -18.6955, -23.6106**.

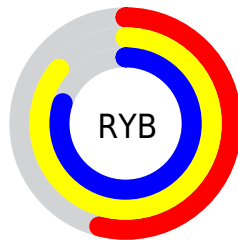
Distribution



Red (60%)

Green (86%)

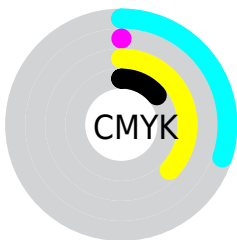
Blue (54%)



Red (54%)

Yellow (86%)

Blue (80%)

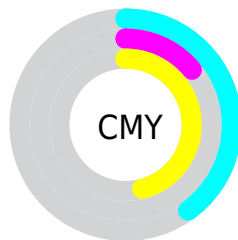


Cyan (30%)

Magenta (0%)

Yellow (37%)

Black (14%)



Cyan (40%)

Magenta (14%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.0320, -25.6518, -32.4771 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 190.0320, -25.6518, -32.4771 by changing the saturation by 10% instead.

■ 190.0320,
-25.6518, -32.4771

■ 190.0320,
-25.6518, -32.4771

255.0000, 0.0000,
0.0000

■ 162.5590,
-24.9256, -32.0622

■ 234.0640,
-20.7376, -21.9811

■ 135.7870,
-24.0520, -32.2622

■ 245.9270,
-12.7820, -6.9520

■ 109.3140,
-23.3258, -31.8474

■ 254.3160, -2.6208,
0.5999

■ 83.3570, -21.8680,
-32.7621

■ 56.8620, -21.1310,
-35.8360

■ 36.3940, -17.9422,
-31.9175

■ 23.4800, -11.5756,

-20.5920

■ 5.8700, -2.8939,
-5.1480

■ 0.0000, 0.0000,
0.0000

■ 190.0320,
-25.6518, -32.4771

■ 190.0320,
-25.6518, -32.4771

■ 182.1420,
-32.6080, -41.3435

■ 197.9220,
-18.6955, -23.6106

■ 174.2520,
-39.5642, -50.2100

■ 205.8120,
-11.7393, -14.7441

■ 166.3620,
-46.5205, -59.0765

■ 213.7020, -4.7831,
-5.8777

■ 158.7710,
-53.6241, -67.3282

■ 221.2930, 2.3206,
2.3740

■ 150.8810,
-60.5803, -76.1946

■ 229.1830, 9.2768,
11.2405

■ 143.1050,
-67.0998, -85.1611

■ 233.8680, 10.4181,
18.5328

■ 140.8120,
-69.4203, -87.5351

Harmonies

Analogous

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



196.1590, -41.4904, 7.7536



190.0320, -25.6518, -32.4771



178.6080, 0.6863, -80.3402

Triad

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



190.0320, -25.6518, -32.4771



179.8150, 37.0662, -82.2758



193.9790, -7.8776, 53.5154

Complementary

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



190.0320, -25.6518, -32.4771



166.9680, 25.6518, 32.4771

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.



200.3970, 11.6363, 47.8868



190.0320, -25.6518, -32.4771



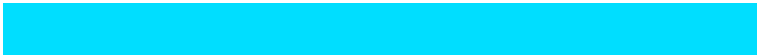
197.9200, 28.1404, -19.2238

Square

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



190.0320, -25.6518, -32.4771



159.3840, 47.1387, -139.7798



207.0770, 23.6260, 28.8735



195.7620, -28.9697, 51.9517

Rectangle

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



190.0320, -25.6518, -32.4771



157.4170, 26.9094, -138.0547



207.0770, 23.6260, 28.8735



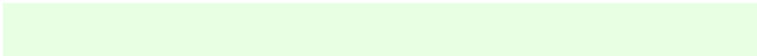
195.1020, -1.0363, 52.5305

Sweetspot

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



190.0320, -25.6518, -32.4771



244.9310, -8.8400, -11.3405



200.3740, -30.7504, 16.3350



121.8760, -5.3619, -6.9073



0.0000, 0.0000, 0.0000



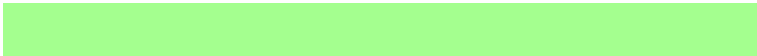
128.0000, 0.0000, 0.0000

Same Dimension

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



190.0320, -25.6518, -32.4771



215.0230, -35.5073, -44.7472



188.2830, -12.9575, -44.0982



106.0550, -3.4781, -4.4332



111.1190, -54.7817, -69.3874



29.3940, -14.4912, -18.7625

Inverse Universe

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



166.9680, 25.6518, 32.4771



182.9770, 35.5073, 44.7472



168.7170, 12.9575, 44.0982



102.9450, 3.4781, 4.4332



61.8810, 54.7817, 69.3874



16.3070, 14.6386, 18.1478

Previews

White Background



This preview shows how the YUV color 190.0320, -25.6518, -32.4771 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 190.0320, -25.6518, -32.4771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

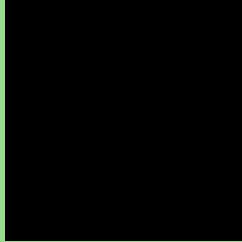
Any Text WCAG AA ✓ Pass

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 190.0320, -25.6518, -32.4771 Background



This preview shows how black text looks on a background with the YUV color 190.0320, -25.6518, -32.4771.



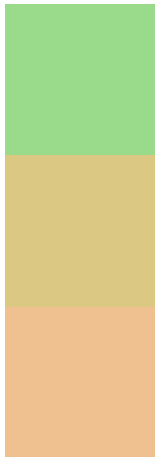
This preview shows how white text looks on a background with the YUV color 190.0320, -25.6518, -32.4771.

-32.4771.

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

190.0320, -25.6518, -32.4771

Protanopia

198.4020, -33.2292, 18.0644

Deuteranopia

201.1680, -28.1838, 33.1787



Tritanopia

197.9780, 13.3218, -26.2907

Trichromacy



Original Color

190.0320, -25.6518, -32.4771

Protanomaly

195.6770, -30.4068, -0.5937

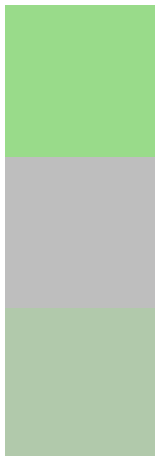
Deuteranomaly

196.9540, -27.0923, 9.6873

Tritanomaly

195.1830, -1.0762, -28.2245

Monochromacy



Original Color

190.0320, -25.6518, -32.4771

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

190.4040, -9.5662, -11.7553

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.0320, -25.6518, -32.4771 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(153, 219, 138)` looks like.

```
.text, #text, p{  
    color:rgb(153, 219, 138)  
}
```

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(153, 219, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 219, 138) }
```

Border

The CSS property to change the border of an element to YUV 190.0320, -25.6518, -32.4771 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(153, 219, 138) }
```


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

```
.border{ border-color:rgb(153, 219, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 219, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 219, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 219, 138);  
box-shadow:4px 4px 4px 4px rgb(153, 219,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 190.0320, -25.6518, -32.4771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 219, 138) }
```

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

```
.background{ background-color: rgb(153,  
219, 138) }
```

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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