

Converting Colors

YUV(168.9500, -20.6813,
53.5409)

Have a look what the booklet for
YUV(168.9500, -20.6813, 53.5409)
contains.

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Color

**YUV(168.9500, -20.6813,
53.5409)**

Conversions

Conversions Part 1

Format	Color
Hex	E6927F
RGB	230, 146, 127
RGB Percent	90%, 57%, 50%
CMY	0.0980, 0.4275, 0.5020
CMYK	0.00, 0.37, 0.45, 0.10
HSL	11°, 67%, 70%
HSV	11°, 45%, 90%
XYZ	46.7428, 38.9131, 25.1260
YIQ	168.9500, 56.1630, 11.8990

Conversions

Conversions Part 2

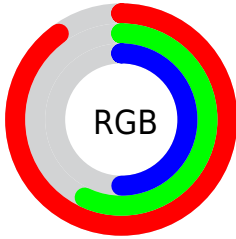
Format	Color
R_{YB}	230, 150, 127
Decimal	15110783
CIE _{Lab}	68.69, 29.63, 23.34
CIE _{LCh}	69, 37.719, 38.229
Yxy	38.9131, 0.4219, 0.3513
Android (android.graphics.Color)	4293300863 (0xFFE6927F)
YUV	168.9500, -20.6813, 53.5409
Hunter-Lab	62.3803, 24.5879, 19.7850

Details

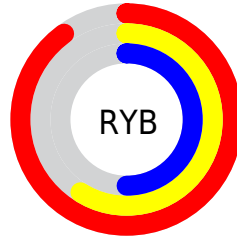
The YUV color **168.9500, -20.6813, 53.5409** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **188.0500, 20.6814, -53.5408**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.7520, -17.1327, 35.2975**, and **115.4980, -18.4865, 49.5523** is the 20% darker color. If you saturate the color by 10%, you get **155.1750, -25.2293, 65.6215**, and if you desaturate by 10%, it is **182.7250, -16.1334, 41.4602**.

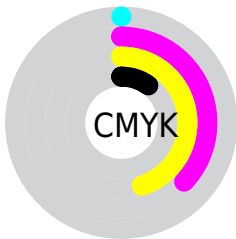
Distribution



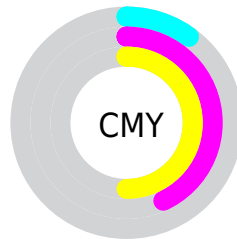
- Red (90%)
- Green (57%)
- Blue (50%)



- Red (90%)
- Yellow (59%)
- Blue (50%)



- Cyan (0%)
- Magenta (37%)
- Yellow (45%)
- Black (10%)



- Cyan (10%)
- Magenta (43%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.9500, -20.6813, 53.5409 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 168.9500, -20.6813, 53.5409 by changing the saturation by 10% instead.

168.9500,
-20.6813, 53.5409

168.9500,
-20.6813, 53.5409

255.0000, 0.0000,
0.0000

142.1670,
-19.8023, 51.5965

214.7520,
-17.1327, 35.2975

115.4980,
-18.4865, 49.5523

234.2660,
-13.4421, 18.1837

90.1170, -17.3127,
46.3784

252.8340, -8.2992,
1.8996

65.1490, -15.8495,
43.7193

40.5940, -14.0968,
41.5751

18.2390, -8.9918,
37.5014

11.4760, -5.1647,

23.2615

0.0000, 0.0000,
0.0000

168.9500,
-20.6813, 53.5409

168.9500,
-20.6813, 53.5409

155.1750,
-25.2293, 65.6215

182.7250,
-16.1334, 41.4602

141.4000,
-29.7772, 77.7022

196.5000,
-11.5855, 29.3795

128.2120,
-34.6145, 89.2681

209.6880, -6.7482,
17.8136

114.4370,
-39.1624, 101.3488

223.4630, -2.2003,
5.7329

100.6620,
-43.7104, 113.4294

237.2380, 2.3477,
-6.3477

■ 93.4240, -46.0580,
119.7772

■ 247.5250, 3.6852,
-15.3694

Harmonies

Analogous

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



170.5600, -5.6991, 54.7599



168.9500, -20.6813, 53.5409



167.2180, -30.6735, 38.3968

Triad

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



168.9500, -20.6813, 53.5409



154.2810, -6.5475, -46.7274



165.1730, 34.4247, -28.2157

Complementary

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



168.9500, -20.6813, 53.5409



188.0500, 20.6814, -53.5408

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.



152.2340, 38.3386, -70.3652



168.9500, -20.6813, 53.5409



144.4950, 15.5320, -81.9951

Square

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



168.9500, -20.6813, 53.5409



160.4240, -23.3800, -14.4038



133.6280, 37.1584, -111.9298



171.1950, 24.5539, 11.2300

Rectangle

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



168.9500, -20.6813, 53.5409



165.5490, -32.8087, 23.1975



133.6280, 37.1584, -111.9298



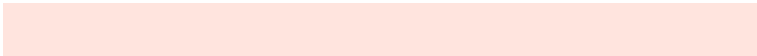
161.8400, 36.0679, -41.9557

Sweetspot

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



168.9500, -20.6813, 53.5409



235.3890, -6.6008, 17.1988



167.3730, 21.5081, 54.9239



115.6270, -4.2531, 10.8511



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.



168.9500, -20.6813, 53.5409



173.5240, -27.8663, 71.4545



198.8870, -35.4403, 27.2861



107.7620, -2.3477, 6.3477



72.8920, -35.9358, 93.0567



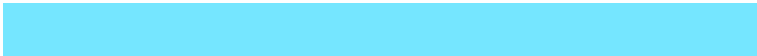
20.5320, -10.1223, 26.7204

Inverse Universe

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



188.0500, 20.6814, -53.5408



199.0630, 27.5769, -71.9693



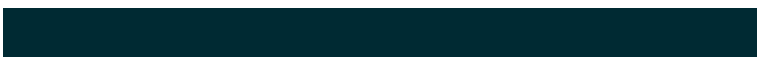
158.1130, 35.4403, -27.2861



110.2380, 2.3477, -6.3477



106.1080, 35.9358, -93.0567



30.4680, 10.1223, -26.7204

Previews

White Background



This preview shows how the YUV color 168.9500, -20.6813, 53.5409 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 168.9500, -20.6813, 53.5409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

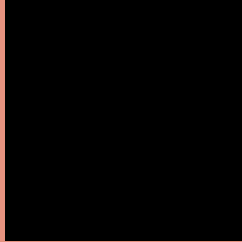
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 168.9500, -20.6813, 53.5409

Background



This preview shows how black text looks on a background with the YUV color 168.9500, -20.6813, 53.5409.



This preview shows how white text looks on a background with the YUV color 168.9500, -20.6813,

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

168.9500, -20.6813, 53.5409

Protanopia

167.4560, -15.0148, 9.2471

Deuteranopia

167.8450, -21.6156, 26.4459



Tritanopia

170.1640, -8.4619, 54.2302

Trichromacy



Original Color

168.9500, -20.6813, 53.5409

Protanomaly

167.9850, -17.2476, 25.4462

Deuteranomaly

168.6120, -21.5007, 36.2973

Tritanomaly

169.4260, -12.5350, 54.0004

Monochromacy



Original Color

168.9500, -20.6813, 53.5409

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

169.1720, -7.4798, 19.1432

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.9500, -20.6813, 53.5409 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(230, 146, 127)` looks like.

```
.text, #text, p{  
    color:rgb(230, 146, 127)  
}
```

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(230, 146, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 146, 127) }
```

Border

The CSS property to change the border of an element to YUV 168.9500, -20.6813, 53.5409 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(230, 146, 127) }
```


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

```
.border{ border-color:rgb(230, 146, 127) }
```

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

Here you see how a box with a 4 pixel rgb(230, 146, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 146, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 146, 127);  
box-shadow:4px 4px 4px 4px rgb(230, 146,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 168.9500, -20.6813, 53.5409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 146, 127) }
```

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

```
.background{ background-color: rgb(230,  
146, 127) }
```

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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