

Converting Colors

YUV(164.9890, 13.3164,
-24.5464)

Have a look what the booklet for
YUV(164.9890, 13.3164, -24.5464)
contains.

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Color

**YUV(164.9890, 13.3164,
-24.5464)**

Conversions

Conversions Part 1

Format	Color
Hex	89AEC0
RGB	137, 174, 192
RGB Percent	54%, 68%, 75%
CMY	0.4627, 0.3176, 0.2471
CMYK	0.29, 0.09, 0.00, 0.25
HSL	200°, 30%, 65%
HSV	200°, 29%, 75%
XYZ	34.9670, 39.3962, 55.6304
YIQ	164.9890, -27.8300, -2.2460

Conversions

Conversions Part 2

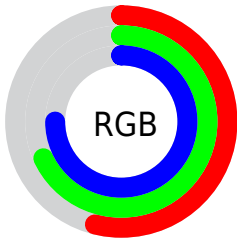
Format	Color
R_{YB}	137, 159, 192
Decimal	9023168
CIE _{Lab}	69.04, -8.27, -13.27
CIE _{LCh}	69, 15.637, 238.069
Yxy	39.3962, 0.2690, 0.3031
Android (android.graphics.Color)	4287213248 (0xFF89AEC0)
YUV	164.9890, 13.3164, -24.5464
Hunter-Lab	62.7664, -10.3994, -8.6128

Details

The YUV color **164.9890, 13.3164, -24.5464** is a light color, and the websafe version is hex **669999**. A complement of this color would be **164.0110, -13.3164, 24.5464**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.1030, 13.7532, -24.6463**, and **112.8750, 12.8796, -24.4464** is the 20% darker color. If you saturate the color by 10%, you get **155.7860, 17.8535, -33.1383**, and if you desaturate by 10%, it is **174.1920, 8.7793, -15.9544**.

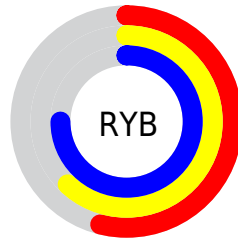
Distribution



Red (54%)

Green (68%)

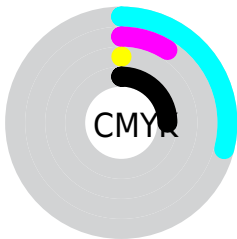
Blue (75%)



Red (54%)

Yellow (62%)

Blue (75%)

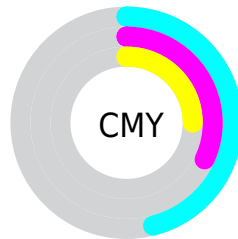


Cyan (29%)

Magenta (9%)

Yellow (0%)

Black (25%)



Cyan (46%)

Magenta (32%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.9890, 13.3164, -24.5464 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 164.9890, 13.3164, -24.5464 by changing the saturation by 10% instead.

■ 164.9890, 13.3164,
-24.5464

■ 164.9890, 13.3164,
-24.5464

255.0000, 0.0000,
0.0000

■ 138.2880, 13.1690,
-23.9316

■ 220.1030, 13.7532,
-24.6463

■ 112.8750, 12.8796,
-24.4464

■ 244.5350, 5.1592,
-21.5172

■ 87.7610, 12.4428,
-24.3464

■ 253.2060, 0.8844,
-3.6887

■ 63.4620, 12.5902,
-24.9612

■ 39.4400, 12.6011,
-28.4499

■ 21.9250, 10.3900,
-19.2282

■ 3.2090, 9.7570,

-2.8143

■ 0.0000, 0.0000,
0.0000

■ 164.9890, 13.3164,
-24.5464

■ 164.9890, 13.3164,
-24.5464

■ 155.7860, 17.8535,
-33.1383

■ 174.1920, 8.7793,
-15.9544

■ 145.9960, 22.6800,
-41.2155

■ 183.9820, 3.9529,
-7.8772

■ 136.4940, 27.3645,
-50.4222

■ 193.4840, -0.7316,
1.3295

■ 127.2910, 31.9015,
-59.0142

■ 202.6870, -5.2687,
9.9215

■ 118.0880, 36.4386,
-67.6062

■ 211.8900, -9.8058,
18.5135

■ 108.2980, 41.2651,
-75.6833

■ 221.6800,
-14.6322, 26.5906

■ 99.0950, 45.8022,
-84.2753

■ 226.0990,
-16.8108, 25.3462

■ 97.6110, 46.5338,
-85.6048

■ 229.6210,
-18.5472, 22.2574

■ 233.7300,
-20.5729, 18.6538

Harmonies

Analogous

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



163.1150, 8.8173, -28.1649



164.9890, 13.3164, -24.5464



167.5820, 14.0101, -13.6654

Triad

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



164.9890, 13.3164, -24.5464



171.3170, -0.6493, 21.6470



166.6010, -11.6353, -1.4041

Complementary

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



164.9890, 13.3164, -24.5464



164.0110, -13.3164, 24.5464

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.



168.1080, -13.8572, 11.3063



164.9890, 13.3164, -24.5464



170.3190, -7.0593, 24.2762

Square

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



164.9890, 13.3164, -24.5464



171.0970, 6.3612, 13.0699



169.9180, -12.2846, 20.2429



164.7180, -5.7770, -13.7847

Rectangle

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



164.9890, 13.3164, -24.5464



169.2950, 12.6726, -4.6437



169.9180, -12.2846, 20.2429



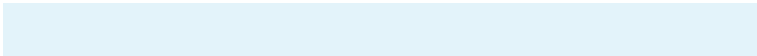
167.1070, -12.3778, 3.4142

Sweetspot

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



164.9890, 13.3164, -24.5464



239.0140, 5.4161, -10.5363



171.2230, -8.4909, -30.0136



117.8790, 3.5107, -6.0329



252.0000, 0.0000, 0.0000



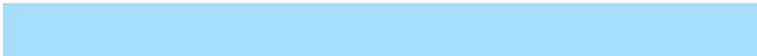
125.0000, 0.0000, 0.0000

Same Dimension

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



164.9890, 13.3164, -24.5464



208.1490, 20.6325, -37.8417



149.1400, 21.1300, -10.6468



92.2490, 2.3422, -4.6034



81.7500, 39.0703, -71.6947



16.6760, 8.0477, -14.6249

Inverse Universe

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



157.6630, 8.0541, 30.1135



196.9130, 12.3679, 46.5573



179.8600, -21.1300, 10.6468



90.7880, 1.5835, 5.4479



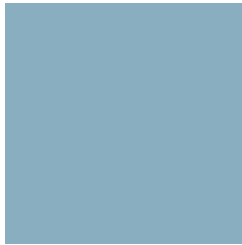
60.4510, 23.4417, 88.1815



12.3750, 4.7451, 18.0881

Previews

White Background



This preview shows how the YUV color 164.9890, 13.3164, -24.5464 looks on a white background.

Color Contrast Check

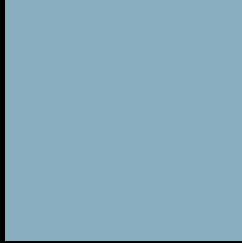
Large Text (above 18pt) WCAG AA × Fail

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 164.9890, 13.3164, -24.5464 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

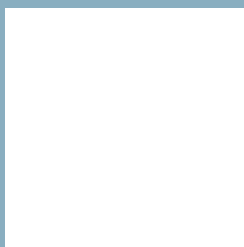
Any Text WCAG AAA ✓ Pass

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

YUV 164.9890, 13.3164, -24.5464 Background



This preview shows how black text looks on a background with the YUV color 164.9890, 13.3164, -24.5464.



This preview shows how white text looks on a background with the YUV color 164.9890, 13.3164, -24.5464.

-24.5464.

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

164.9890, 13.3164, -24.5464

Protanopia

168.6820, 9.0308, -3.2291

Deuteranopia

169.8120, 11.9247, 1.9189



Tritanopia

164.9350, 11.8640, -25.3760

Trichromacy



Original Color

164.9890, 13.3164, -24.5464

Protanomaly

167.6810, 10.5103, -11.1212

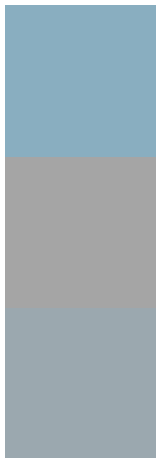
Deuteranomaly

168.1590, 12.2466, -8.0324

Tritanomaly

165.0490, 12.3008, -25.4760

Monochromacy



Original Color

164.9890, 13.3164, -24.5464

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

164.9110, 4.9739, -8.6919

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.9890, 13.3164, -24.5464 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(137, 174, 192)` looks like.

```
.text, #text, p{  
    color:rgb(137, 174, 192)  
}
```

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(137, 174, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 174, 192) }
```

Border

The CSS property to change the border of an element to YUV 164.9890, 13.3164, -24.5464 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(137, 174, 192) }
```


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

```
.border{ border-color:rgb(137, 174, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 174, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 174, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 174, 192);  
box-shadow:4px 4px 4px 4px rgb(137, 174,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 164.9890, 13.3164, -24.5464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 174, 192) }
```

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

```
.background{ background-color: rgb(137,  
174, 192) }
```

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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