

Converting Colors

YUV(169.7900, 25.2465,
-24.3718)

Have a look what the booklet for
YUV(169.7900, 25.2465, -24.3718)
contains.

YUV(169.7900, 25.2465, -24.3718)	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(169.7900, 25.2465,
-24.3718)**

Conversions

Conversions Part 1

Format	Color
Hex	8EAEDD
RGB	142, 174, 221
RGB Percent	56%, 68%, 87%
CMY	0.4431, 0.3176, 0.1333
CMYK	0.36, 0.21, 0.00, 0.13
HSL	216°, 54%, 71%
HSV	216°, 36%, 87%
XYZ	39.3425, 41.2433, 74.2938
YIQ	169.7900, -34.1590, 7.8330

Conversions

Conversions Part 2

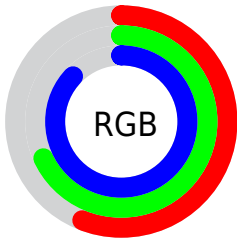
Format	Color
R _Y B	142, 165, 221
Decimal	9350877
CIE Lab	70.35, 0.45, -27.20
CIE LCh	70, 27.205, 270.945
Yxy	41.2433, 0.2540, 0.2663
Android (android.graphics.Color)	4287540957 (0xFF8EAEDD)
YUV	169.7900, 25.2465, -24.3718
Hunter-Lab	64.2210, -3.0355, -23.6347

Details

The YUV color **169.7900, 25.2465, -24.3718** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **193.2100, -25.2465, 24.3718**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.6950, 15.9264, -21.6575**, and **117.1490, 24.0835, -24.6867** is the 20% darker color. If you saturate the color by 10%, you get **155.5810, 32.2516, -31.2045**, and if you desaturate by 10%, it is **183.9990, 18.2415, -17.5391**.

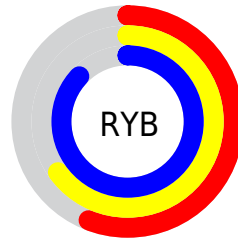
Distribution



Red (56%)

Green (68%)

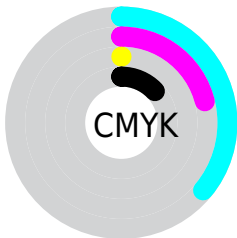
Blue (87%)



Red (56%)

Yellow (65%)

Blue (87%)

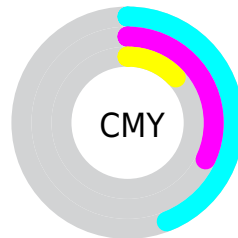


Cyan (36%)

Magenta (21%)

Yellow (0%)

Black (13%)



Cyan (44%)

Magenta (32%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.7900, 25.2465, -24.3718 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 169.7900, 25.2465, -24.3718 by changing the saturation by 10% instead.

■ 169.7900, 25.2465,
-24.3718

■ 169.7900, 25.2465,
-24.3718

255.0000, 0.0000,
0.0000

■ 142.6760, 24.8097,
-24.2719

■ 222.6950, 15.9264,
-21.6575

■ 117.1490, 24.0835,
-24.6867

■ 246.3290, 4.2748,
-17.8285

■ 91.3230, 23.5048,
-25.7163

■ 66.0130, 23.6576,
-28.0754

■ 40.0830, 24.1161,
-35.1528

■ 25.0200, 19.7101,
-21.9425

■ 7.2500, 17.6247,

-6.3582

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 169.7900, 25.2465,
-24.3718

■ 169.7900, 25.2465,
-24.3718

■ 155.5810, 32.2516,
-31.2045

■ 183.9990, 18.2415,
-17.5391

■ 141.3720, 39.2566,
-38.0372

■ 198.2080, 11.2365,
-10.7064

■ 127.1630, 46.2616,
-44.8700

■ 212.4170, 4.2314,
-3.8737

■ 112.3670, 53.5561,
-51.1879

■ 227.2130, -3.0630,
2.4442

■ 97.8590, 60.7085,
-58.6353

■ 241.7210,
-10.2155, 9.8917

■ 83.6500, 67.7135,
-65.4681

■ 249.9500,
-14.2723, 4.4289

■ 78.0240, 70.4872,
-68.4270

■ 251.1240,
-14.8511, 3.3993

Harmonies

Analogous

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



163.5330, 24.8802, -46.9484



169.7900, 25.2465, -24.3718



174.1740, 19.6342, 2.4784

Triad

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



169.7900, 25.2465, -24.3718



174.5230, -13.0758, 40.7603



164.2450, -8.5018, -26.5249

Complementary

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



169.7900, 25.2465, -24.3718



193.2100, -25.2465, 24.3718

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.



167.9290, -19.1920, -4.3227



169.7900, 25.2465, -24.3718



172.7040, -21.0531, 32.7086

Square

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



169.7900, 25.2465, -24.3718



175.7860, -1.8665, 38.7757



170.9100, -23.6196, 15.8649



161.3810, 5.2352, -45.9381

Rectangle

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



169.7900, 25.2465, -24.3718



175.6660, 13.4757, 17.8329



170.9100, -23.6196, 15.8649



165.8500, -12.7440, -19.1624

Sweetspot

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



169.7900, 25.2465, -24.3718



236.6490, 9.0470, -8.4622



193.6170, -2.7692, -45.2681



117.0470, 5.3998, -5.3032



0.0000, 0.0000, 0.0000



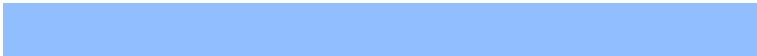
128.0000, 0.0000, 0.0000

Same Dimension

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



169.7900, 25.2465, -24.3718



183.9550, 35.0252, -34.1635



153.0990, 33.4752, -3.5948



102.6020, 3.6472, -3.1590



60.8120, 55.3087, -53.3321



16.3970, 14.5943, -14.3802

Inverse Universe

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



169.2690, 2.3324, 45.3681



183.0200, 3.4411, 63.1265



209.9010, -33.4752, 3.5948



102.7450, 0.1257, 6.3626



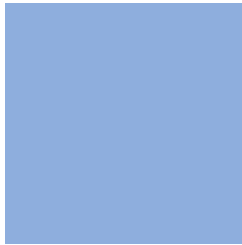
59.7070, 5.0744, 99.3580



15.9200, 1.5184, 26.3802

Previews

White Background



This preview shows how the YUV color 169.7900, 25.2465, -24.3718 looks on a white background.

Color Contrast Check

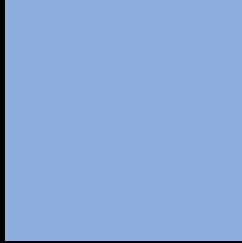
Large Text (above 18pt) WCAG AA × Fail

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 169.7900, 25.2465, -24.3718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

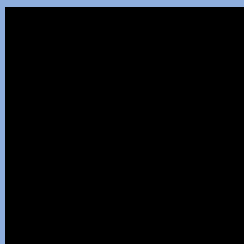
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

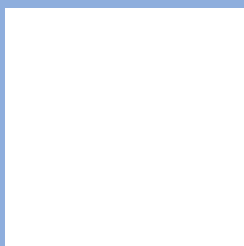
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 169.7900, 25.2465, -24.3718

Background



This preview shows how black text looks on a background with the YUV color 169.7900, 25.2465, -24.3718.



This preview shows how white text looks on a background with the YUV color 169.7900, 25.2465, -24.3718.

-24.3718.

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

169.7900, 25.2465, -24.3718

Protanopia

172.1830, 22.5878, -11.5615

Deuteranopia

172.6500, 24.3296, -10.2170



Tritanopia

167.4400, 12.6011, -28.4499

Trichromacy



Original Color

169.7900, 25.2465, -24.3718

Protanomaly

171.0900, 23.6196, -15.8649

Deuteranomaly

171.7310, 24.7826, -15.5501

Tritanomaly

168.3030, 17.1056, -26.5757

Monochromacy



Original Color

169.7900, 25.2465, -24.3718

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

169.7630, 9.4838, -8.5622

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.7900, 25.2465, -24.3718 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(142, 174, 221)` looks like.

```
.text, #text, p{  
    color:rgb(142, 174, 221)  
}
```

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(142, 174, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 174, 221) }
```

Border

The CSS property to change the border of an element to YUV 169.7900, 25.2465, -24.3718 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(142, 174, 221) }
```


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

```
.border{ border-color:rgb(142, 174, 221) }
```

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

Here you see how a box with a 4 pixel rgb(142, 174, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 174, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 174, 221);  
box-shadow:4px 4px 4px 4px rgb(142, 174,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 169.7900, 25.2465, -24.3718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 174, 221) }
```

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

```
.background{ background-color: rgb(142,  
174, 221) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor