

Converting Colors

YUV(170.4420, 9.6421,
-12.6656)

Have a look what the booklet for
YUV(170.4420, 9.6421, -12.6656)
contains.

YUV(170.4420, 9.6421, -12.6656)	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(170.4420, 9.6421,
-12.6656)**

Conversions

Conversions Part 1

Format	Color
Hex	9CAEBE
RGB	156, 174, 190
RGB Percent	61%, 68%, 75%
CMY	0.3882, 0.3176, 0.2549
CMYK	0.18, 0.08, 0.00, 0.25
HSL	208°, 21%, 68%
HSV	208°, 18%, 75%
XYZ	38.1406, 41.0577, 54.6299
YIQ	170.4420, -15.8640, 1.1600

Conversions

Conversions Part 2

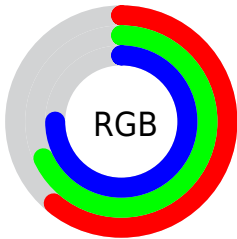
Format	Color
R_{YB}	156, 168, 190
Decimal	10268350
CIE _{Lab}	70.22, -2.83, -10.27
CIE _{LCh}	70, 10.656, 254.621
Yxy	41.0577, 0.2850, 0.3068
Android (android.graphics.Color)	4288458430 (0xFF9CAEBE)
YUV	170.4420, 9.6421, -12.6656
Hunter-Lab	64.0763, -5.8836, -5.6958

Details

The YUV color **170.4420, 9.6421, -12.6656** is a light color, and the websafe version is hex **999999**. A complement of this color would be **175.5580, -9.6421, 12.6656**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.5560, 10.0789, -12.7656**, and **118.3280, 9.2053, -12.5657** is the 20% darker color. If you saturate the color by 10%, you get **159.4780, 15.0473, -19.7132**, and if you desaturate by 10%, it is **181.4060, 4.2368, -5.6181**.

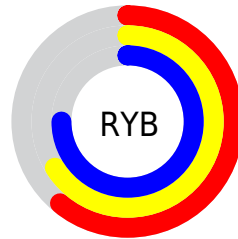
Distribution



Red (61%)

Green (68%)

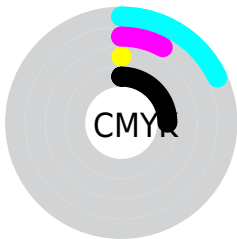
Blue (75%)



Red (61%)

Yellow (66%)

Blue (75%)

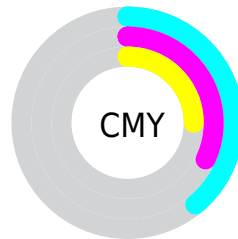


Cyan (18%)

Magenta (8%)

Yellow (0%)

Black (25%)



Cyan (39%)

Magenta (32%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.4420, 9.6421, -12.6656 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 170.4420, 9.6421, -12.6656 by changing the saturation by 10% instead.

■ 170.4420, 9.6421,
-12.6656

■ 170.4420, 9.6421,
-12.6656

255.0000, 0.0000,
0.0000

■ 143.7410, 9.4947,
-12.0509

■ 225.5560, 10.0789,
-12.7656

■ 118.3280, 9.2053,
-12.5657

■ 250.2160, 2.3585,
-9.8364

■ 93.5130, 8.6211,
-11.8509

■ 69.5130, 8.6211,
-11.8509

■ 47.3990, 8.1843,
-11.7509

■ 25.9860, 7.8949,
-12.2657

■ 3.6820, 9.0308,

-3.2291

■ 0.0000, 0.0000,
0.0000

■ 170.4420, 9.6421,
-12.6656

■ 170.4420, 9.6421,
-12.6656

■ 159.4780, 15.0473,
-19.7132

■ 181.4060, 4.2368,
-5.6181

■ 148.5140, 20.4526,
-26.7608

■ 192.3700, -1.1684,
1.4295

■ 137.5500, 25.8578,
-33.8084

■ 203.3340, -6.5737,
8.4771

■ 126.5860, 31.2631,
-40.8559

■ 214.2980,
-11.9789, 15.5247

■ 115.6220, 36.6684,
-47.9035

■ 225.2620,
-17.3842, 22.5722

■ 104.6580, 42.0736,
-54.9511

■ 231.7410,
-20.5783, 20.3981

■ 93.6940, 47.4789,
-61.9986

■ 237.0240,
-23.1828, 15.7650

■ 82.7300, 52.8841,
-69.0462

■ 242.3070,
-25.7874, 11.1318

■ 80.9470, 53.7631,
-70.9905

■ 247.0030,
-28.1025, 7.0134

Harmonies

Analogous

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



168.9530, 7.9112, -17.4988



170.4420, 9.6421, -12.6656



171.9700, 8.8888, -4.3587

Triad

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



170.4420, 9.6421, -12.6656



173.6000, -3.2538, 17.0138



169.4740, -5.6567, -5.6777

Complementary

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



170.4420, 9.6421, -12.6656



175.5580, -9.6421, 12.6656

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.



170.7310, -8.7414, 3.7439



170.4420, 9.6421, -12.6656



173.1500, -7.4689, 15.6545

Square

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



170.4420, 9.6421, -12.6656



173.8320, 1.5618, 12.4253



171.9600, -9.3473, 11.4361



168.8690, -1.4144, -13.0401

Rectangle

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



170.4420, 9.6421, -12.6656



173.2590, 7.2673, 2.4039



171.9600, -9.3473, 11.4361



169.8550, -6.8305, -2.5038

Sweetspot

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



170.4420, 9.6421, -12.6656



240.4770, 3.2158, -4.8033



177.7820, -2.8505, -19.1028



120.2600, 2.3368, -2.8590



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.



170.4420, 9.6421, -12.6656



217.3640, 14.6105, -19.6132



160.4630, 14.5617, -3.9141



88.9610, 2.4842, -3.4738



67.3200, 44.7052, -59.0396



12.9260, 8.9105, -11.3361

Inverse Universe

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



168.2180, 2.8505, 19.1028



213.7400, 4.5652, 29.1690



185.5370, -14.5617, 3.9141



88.2610, 0.8573, 5.0331



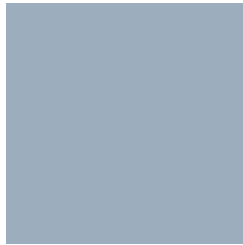
56.8180, 13.4007, 88.7366



11.0930, 2.4192, 17.4584

Previews

White Background



This preview shows how the YUV color 170.4420, 9.6421, -12.6656 looks on a white background.

Color Contrast Check

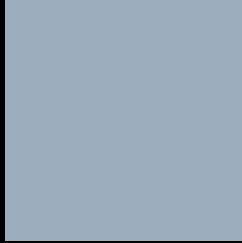
Large Text (above 18pt) WCAG AA × Fail

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 170.4420, 9.6421, -12.6656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

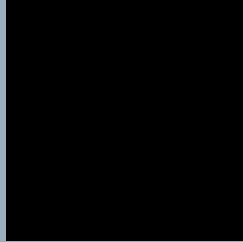
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 170.4420, 9.6421, -12.6656

Background



This preview shows how black text looks on a background with the YUV color 170.4420, 9.6421, -12.6656.



This preview shows how white text looks on a background with the YUV color 170.4420, 9.6421, -12.6656.

-12.6656.

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

170.4420, 9.6421, -12.6656

Protanopia

172.0520, 7.8624, -1.7996

Deuteranopia

173.3240, 8.7143, 4.9779



Tritanopia

170.2140, 8.7685, -12.4657

Trichromacy



Original Color

170.4420, 9.6421, -12.6656

Protanomaly

171.2580, 8.7468, -5.4883

Deuteranomaly

172.6930, 9.0254, -1.4848

Tritanomaly

170.3280, 9.2053, -12.5657

Monochromacy



Original Color

170.4420, 9.6421, -12.6656

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

169.8900, 3.5052, -4.2885

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.4420, 9.6421, -12.6656 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(156, 174, 190)` looks like.

```
.text, #text, p{  
    color:rgb(156, 174, 190)  
}
```

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(156, 174, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 174, 190) }
```

Border

The CSS property to change the border of an element to YUV 170.4420, 9.6421, -12.6656 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(156, 174, 190) }
```


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

```
.border{ border-color:rgb(156, 174, 190) }
```

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

Here you see how a box with a 4 pixel rgb(156, 174, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 174, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 174, 190);  
box-shadow:4px 4px 4px 4px rgb(156, 174,  
190) }
```

Background

The CSS property to change the background color of an element to YUV 170.4420, 9.6421, -12.6656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 174, 190) }
```

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

```
.background{ background-color: rgb(156,  
174, 190) }
```

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