

Converting Colors

YUV(104.9970, 21.2005,
-33.3234)

Have a look what the booklet for
YUV(104.9970, 21.2005, -33.3234)
contains.

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Color

**YUV(104.9970, 21.2005,
-33.3234)**

Conversions

Conversions Part 1

Format	Color
Hex	437494
RGB	67, 116, 148
RGB Percent	26%, 45%, 58%
CMY	0.7373, 0.5451, 0.4196
CMYK	0.55, 0.22, 0.00, 0.42
HSL	204°, 38%, 42%
HSV	204°, 55%, 58%
XYZ	13.9054, 15.8222, 30.3381
YIQ	104.9970, -39.4760, -0.4360

Conversions

Conversions Part 2

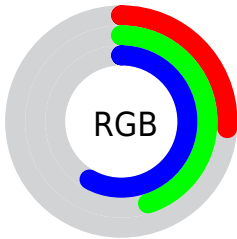
Format	Color
R _Y B	67, 98, 148
Decimal	4420756
CIE Lab	46.74, -6.97, -22.46
CIE LCh	47, 23.513, 252.756
Yxy	15.8222, 0.2315, 0.2634
Android (android.graphics.Color)	4282610836 (0xFF437494)
YUV	104.9970, 21.2005, -33.3234
Hunter-Lab	39.7771, -7.2093, -17.3766

Details

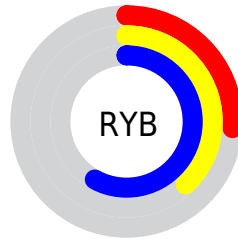
The YUV color **104.9970, 21.2005, -33.3234** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **110.0030, -21.2005, 33.3234**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.8230, 21.7793, -32.2938**, and **50.9740, 22.6908, -44.7042** is the 20% darker color. If you saturate the color by 10%, you get **96.9900, 25.1479, -39.4562**, and if you desaturate by 10%, it is **113.0040, 17.2530, -27.1905**.

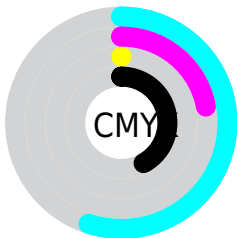
Distribution



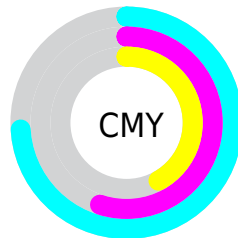
- Red (26%)
- Green (45%)
- Blue (58%)



- Red (26%)
- Yellow (38%)
- Blue (58%)



- Cyan (55%)
- Magenta (22%)
- Yellow (0%)
- Black (42%)



- Cyan (74%)
- Magenta (55%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.9970, 21.2005, -33.3234 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 104.9970, 21.2005, -33.3234 by changing the saturation by 10% instead.

■ 104.9970, 21.2005,
-33.3234

■ 104.9970, 21.2005,
-33.3234

■ 255.0000, 0.0000,
0.0000

■ 78.9860, 21.2059,
-35.0677

■ 157.8230, 21.7793,
-32.2938

■ 50.9740, 22.6908,
-44.7042

■ 184.9370, 22.2161,
-32.3937

■ 35.3240, 18.5743,
-30.9791

■ 212.5950, 20.9057,
-32.0938

■ 21.0760, 14.7525,
-18.4837

■ 237.9900, 8.3859,
-29.8092

■ 4.4800, 12.0884,
-3.9290

■ 248.4220, 3.2430,
-13.5251

■ 0.0000, 0.0000,
0.0000

■ 104.9970, 21.2005,
-33.3234

■ 104.9970, 21.2005,
-33.3234

■ 96.9900, 25.1479,
-39.4562

■ 113.0040, 17.2530,
-27.1905

■ 88.9830, 29.0954,
-45.5891

■ 121.0110, 13.3056,
-21.0576

■ 81.2750, 32.8954,
-51.1072

■ 128.7190, 9.5055,
-15.5396

■ 73.8550, 36.5535,
-57.7548

■ 136.1390, 5.8475,
-8.8919

■ 69.7020, 38.6009,
-61.1287

■ 144.1460, 1.9000,
-2.7590

■ 152.1530, -2.0474,
3.3738

■ 160.1600, -5.9949,
9.5067

■ 167.8680, -9.7949,

15.0248

■ 175.8750,
-13.7424, 21.1576

Harmonies

Analogous

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



99.8120, 18.3337, -47.1931



104.9970, 21.2005, -33.3234



110.5590, 18.9514, -11.8912

Triad

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



104.9970, 21.2005, -33.3234



112.9440, -4.9024, 32.4981



106.6060, -12.6238, -11.0555

Complementary

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



104.9970, 21.2005, -33.3234



110.0030, -21.2005, 33.3234

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.



108.6360, -18.0615, 6.4582



104.9970, 21.2005, -33.3234



111.7560, -13.1907, 30.9090

Square

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



104.9970, 21.2005, -33.3234



113.4190, 4.7234, 25.0655



110.6100, -18.5417, 20.5130



103.4280, -2.6760, -28.4394

Rectangle

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



104.9970, 21.2005, -33.3234



112.7350, 15.4136, 2.8634



110.6100, -18.5417, 20.5130



107.3680, -14.9714, -4.7077

Sweetspot

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



104.9970, 21.2005, -33.3234



174.9860, 7.8949, -12.2657



118.0810, -9.8999, -44.7980



87.2100, 4.8265, -8.0772



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



104.9970, 21.2005, -33.3234



123.9760, 33.0428, -51.7220



81.5170, 32.7761, -12.7314



70.1460, 1.9000, -2.7590



64.4530, 36.2587, -56.5253



4.6620, 2.6316, -4.0886

Inverse Universe

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



96.8050, 9.4631, 44.8980



111.3380, 14.6234, 69.8636



133.4830, -32.7761, 12.7314



69.5490, 0.7153, 3.9035



50.7240, 15.9121, 76.5411



3.6740, 1.1467, 5.5479

Previews

White Background



This preview shows how the YUV color 104.9970, 21.2005, -33.3234 looks on a white background.

Color Contrast Check

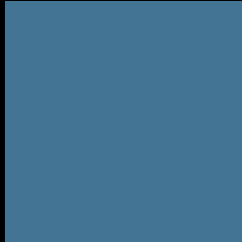
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 104.9970, 21.2005, -33.3234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

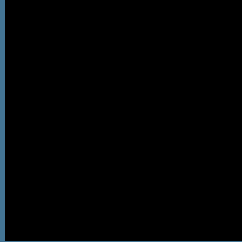
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 104.9970, 21.2005, -33.3234

Background



This preview shows how black text looks on a background with the YUV color 104.9970, 21.2005, -33.3234.

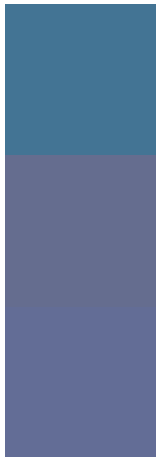


This preview shows how white text looks on a background with the YUV color 104.9970, 21.2005, -33.3234.

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

104.9970, 21.2005, -33.3234

Protanopia

110.4840, 16.0304, -8.3175

Deuteranopia

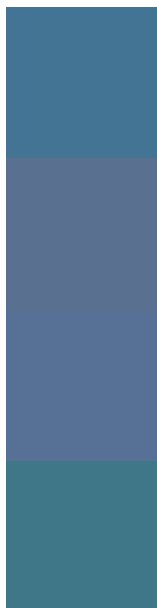
110.6840, 19.3828, -10.2469



Tritanopia

102.4990, 13.0650, -37.2716

Trichromacy



Original Color

104.9970, 21.2005, -33.3234

Protanomaly

108.8850, 17.8047, -17.4391

Deuteranomaly

108.7430, 19.8467, -19.0686

Tritanomaly

103.6070, 15.9697, -35.6123

Monochromacy



Original Color

104.9970, 21.2005, -33.3234

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.9860, 7.8949, -12.2657

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.9970, 21.2005, -33.3234 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(67, 116, 148)` looks like.

```
.text, #text, p{  
    color:rgb(67, 116, 148)  
}
```

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(67, 116, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 116, 148) }
```

Border

The CSS property to change the border of an element to YUV 104.9970, 21.2005, -33.3234 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(67, 116, 148) }
```


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

```
.border{ border-color:rgb(67, 116, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 116, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 116, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 116, 148);  
box-shadow:4px 4px 4px 4px rgb(67, 116,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 104.9970, 21.2005, -33.3234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 116, 148) }
```

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

```
.background{ background-color: rgb(67, 116,  
148) }
```

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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