

Converting Colors

YUV(110.7900, 21.7955,
-37.5268)

Have a look what the booklet for
YUV(110.7900, 21.7955, -37.5268)
contains.

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Color

**YUV(110.7900, 21.7955,
-37.5268)**

Conversions

Conversions Part 1

Format	Color
Hex	447C9B
RGB	68, 124, 155
RGB Percent	27%, 49%, 61%
CMY	0.7333, 0.5137, 0.3922
CMYK	0.56, 0.20, 0.00, 0.39
HSL	201°, 39%, 44%
HSV	201°, 56%, 61%
XYZ	15.5079, 18.0108, 33.6694
YIQ	110.7900, -43.3270, -2.2310

Conversions

Conversions Part 2

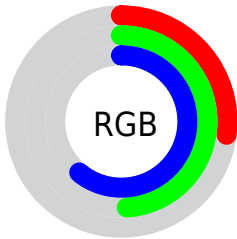
Format	Color
R_{YB}	68, 102, 155
Decimal	4488347
CIE _{Lab}	49.51, -9.15, -22.30
CIE _{LCh}	50, 24.103, 247.690
Yxy	18.0108, 0.2308, 0.2681
Android (android.graphics.Color)	4282678427 (0xFF447C9B)
YUV	110.7900, 21.7955, -37.5268
Hunter-Lab	42.4391, -9.0417, -17.3308

Details

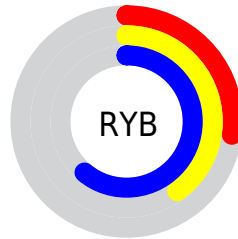
The YUV color **110.7900, 21.7955, -37.5268** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **112.2100, -21.7955, 37.5268**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.6160, 22.3743, -36.4972**, and **55.8810, 23.7227, -49.0076** is the 20% darker color. If you saturate the color by 10%, you get **102.7830, 25.7430, -43.6597**, and if you desaturate by 10%, it is **119.0960, 17.7007, -30.7792**.

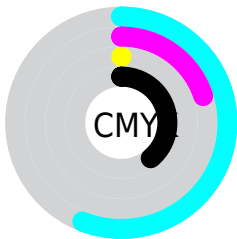
Distribution



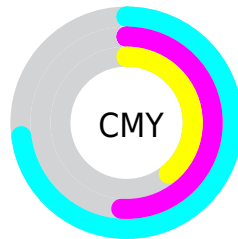
- Red (27%)
- Green (49%)
- Blue (61%)



- Red (27%)
- Yellow (40%)
- Blue (61%)



- Cyan (56%)
- Magenta (20%)
- Yellow (0%)
- Black (39%)



- Cyan (73%)
- Magenta (51%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.7900, 21.7955, -37.5268 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 110.7900, 21.7955, -37.5268 by changing the saturation by 10% instead.

■ 110.7900, 21.7955,
-37.5268

■ 110.7900, 21.7955,
-37.5268

■ 255.0000, 0.0000,
0.0000

■ 84.4800, 21.9484,
-39.8860

■ 164.6160, 22.3743,
-36.4972

■ 55.8810, 23.7227,
-49.0076

■ 191.7300, 22.8111,
-36.5972

■ 40.2310, 19.6061,
-35.2826

■ 218.4760, 18.0063,
-35.4975

■ 24.5810, 15.4896,
-21.5575

■ 240.6480, 7.0755,
-29.5093

■ 5.1640, 14.7091,
-4.5288

■ 249.3190, 2.8007,
-11.6808

■ 1.1400, 4.3680,
-0.9998

■ 0.0000, 0.0000,

0.0000

■ 110.7900, 21.7955,
-37.5268

■ 110.7900, 21.7955,
-37.5268

■ 102.7830, 25.7430,
-43.6597

■ 119.0960, 17.7007,
-30.7792

■ 95.0640, 29.5484,
-50.9221

■ 126.5160, 14.0426,
-24.1315

■ 87.0570, 33.4959,
-57.0550

■ 134.8220, 9.9478,
-17.3839

■ 79.3380, 37.3014,
-64.3174

■ 142.2420, 6.2897,
-10.7362

■ 76.3700, 38.7646,
-66.9765

■ 150.5480, 2.1948,
-3.9886

■ 157.9680, -1.4632,
2.6591

■ 165.9750, -5.4107,
8.7919

■ 173.6940, -9.2161,
16.0544

■ 182.0000,
-13.3110, 22.8020

Harmonies

Analogous

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



106.2740, 17.6129, -49.3523



110.7900, 21.7955, -37.5268



116.5800, 20.4201, -16.2947

Triad

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



110.7900, 21.7955, -37.5268



119.9980, -3.4500, 33.3278



113.5740, -14.0870, -8.3964

Complementary

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



110.7900, 21.7955, -37.5268



112.2100, -21.7955, 37.5268

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.



116.0170, -19.2354, 9.6321



110.7900, 21.7955, -37.5268



118.9950, -12.3225, 32.4534

Square

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



110.7900, 21.7955, -37.5268



120.5760, 6.6180, 24.0508



117.6320, -18.5526, 24.0017



110.6840, -4.2812, -26.9099

Rectangle

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



110.7900, 21.7955, -37.5268



119.1690, 17.1717, -1.0252



117.6320, -18.5526, 24.0017



114.3360, -16.4346, -2.0487

Sweetspot

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



110.7900, 21.7955, -37.5268



183.7900, 8.4845, -14.7248



122.4890, -12.0731, -47.7869



91.9110, 4.9739, -8.6919



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



110.7900, 21.7955, -37.5268



132.4590, 33.7907, -58.2845



85.5490, 34.2393, -15.3905



72.8470, 2.0474, -3.3738



68.7900, 35.1065, -60.3288



6.1780, 3.3632, -5.4181

Inverse Universe

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



100.3970, 11.6363, 47.8868



116.2830, 18.1015, 74.2968



137.4510, -34.2393, 15.3905



71.9620, 1.0047, 4.4183



52.1200, 18.6748, 77.0708



4.7990, 1.5781, 7.1923

Previews

White Background



This preview shows how the YUV color 110.7900, 21.7955, -37.5268 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 110.7900, 21.7955, -37.5268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

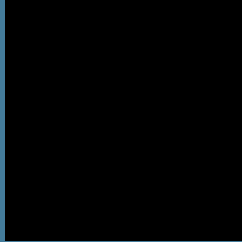
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 110.7900, 21.7955, -37.5268 Background



This preview shows how black text looks on a background with the YUV color 110.7900, 21.7955, -37.5268.



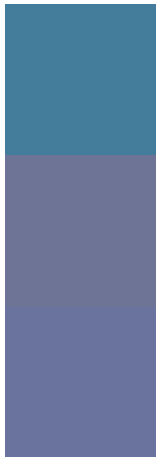
This preview shows how white text looks on a background with the YUV color 110.7900, 21.7955, -37.5268.

-37.5268.

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

110.7900, 21.7955, -37.5268

Protanopia

117.6690, 15.4462, -7.6027

Deuteranopia

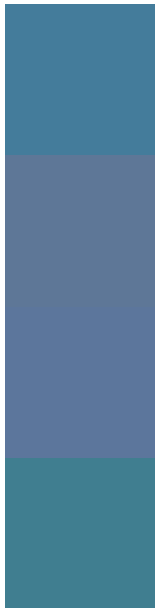
117.0970, 19.6722, -9.7321



Tritanopia

108.4060, 14.0968, -41.5751

Trichromacy



Original Color

110.7900, 21.7955, -37.5268

Protanomaly

115.1730, 17.6627, -18.5687

Deuteranomaly

114.5580, 20.4309, -19.7834

Tritanomaly

109.5140, 17.0016, -39.9158

Monochromacy



Original Color

110.7900, 21.7955, -37.5268

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

110.9750, 7.9003, -14.0101

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.7900, 21.7955, -37.5268 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(68, 124, 155)` looks like.

```
.text, #text, p{  
    color:rgb(68, 124, 155)  
}
```

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(68, 124, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 124, 155) }
```

Border

The CSS property to change the border of an element to YUV 110.7900, 21.7955, -37.5268 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(68, 124, 155) }
```


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

```
.border{ border-color:rgb(68, 124, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 124, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 124, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 124, 155);  
box-shadow:4px 4px 4px 4px rgb(68, 124,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 110.7900, 21.7955, -37.5268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 124, 155) }
```

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

```
.background{ background-color: rgb(68, 124,  
155) }
```

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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