

Converting Colors

YUV(112.3390, 22.5109,
-33.6233)

Have a look what the booklet for
YUV(112.3390, 22.5109, -33.6233)
contains.

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Color

**YUV(112.3390, 22.5109,
-33.6233)**

Conversions

Conversions Part 1

Format	Color
Hex	4A7B9E
RGB	74, 123, 158
RGB Percent	29%, 48%, 62%
CMY	0.7098, 0.5176, 0.3804
CMYK	0.53, 0.22, 0.00, 0.38
HSL	205°, 36%, 45%
HSV	205°, 53%, 62%
XYZ	16.0786, 18.0904, 34.9921
YIQ	112.3390, -40.4390, 0.4970

Conversions

Conversions Part 2

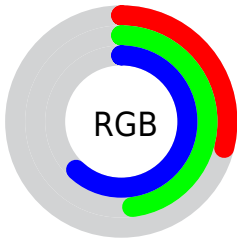
Format	Color
R_{YB}	74, 105, 158
Decimal	4881310
CIE _{Lab}	49.61, -6.25, -23.88
CIE _{LCh}	50, 24.686, 255.324
Yxy	18.0904, 0.2325, 0.2616
Android (android.graphics.Color)	4283071390 (0xFF4A7B9E)
YUV	112.3390, 22.5109, -33.6233
Hunter-Lab	42.5328, -6.9545, -19.0055

Details

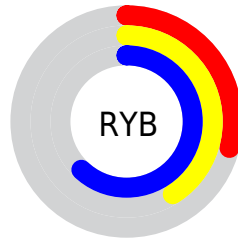
The YUV color **112.3390, 22.5109, -33.6233** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **119.6610, -22.5109, 33.6233**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.2790, 23.5265, -32.6937**, and **58.8110, 23.2642, -41.9302** is the 20% darker color. If you saturate the color by 10%, you get **103.4460, 26.8951, -39.8561**, and if you desaturate by 10%, it is **121.2320, 18.1266, -27.3905**.

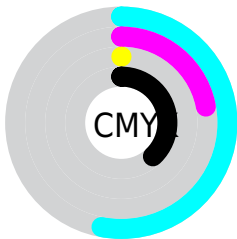
Distribution



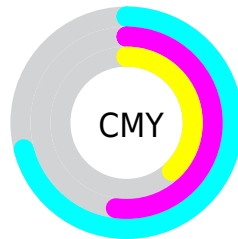
- Red (29%)
- Green (48%)
- Blue (62%)



- Red (29%)
- Yellow (41%)
- Blue (62%)



- Cyan (53%)
- Magenta (22%)
- Yellow (0%)
- Black (38%)



- Cyan (71%)
- Magenta (52%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.3390, 22.5109, -33.6233 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 112.3390, 22.5109, -33.6233 by changing the saturation by 10% instead.

■ 112.3390, 22.5109,
-33.6233

■ 112.3390, 22.5109,
-33.6233

■ 255.0000, 0.0000,
0.0000

■ 86.3280, 22.5163,
-35.3677

■ 165.2790, 23.5265,
-32.6937

■ 58.8110, 23.2642,
-41.9302

■ 193.2790, 23.5265,
-32.6937

■ 39.8720, 20.7691,
-34.9677

■ 219.6830, 17.4113,
-31.2940

■ 24.9230, 16.8000,
-21.8575

■ 242.1430, 6.3385,
-26.4354

■ 5.3920, 15.5827,
-4.7288

■ 250.8140, 2.0637,
-8.6069

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,

0.0000

■ 112.3390, 22.5109,
-33.6233

■ 112.3390, 22.5109,
-33.6233

■ 103.4460, 26.8951,
-39.8561

■ 121.2320, 18.1266,
-27.3905

■ 95.1400, 30.9900,
-46.6038

■ 129.5380, 14.0318,
-20.6428

■ 86.5460, 35.2268,
-52.2218

■ 138.1320, 9.7949,
-15.0248

■ 78.2400, 39.3217,
-58.9695

■ 146.4380, 5.7001,
-8.2771

■ 72.0160, 42.3901,
-63.1580

■ 155.3310, 1.3158,
-2.0443

■ 164.2240, -3.0684,
4.1886

■ 172.5300, -7.1633,
10.9362

■ 181.1240,
-11.4001, 16.5543

■ 189.4300,
-15.4950, 23.3019

Harmonies

Analogous

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



106.5450, 19.9443, -50.4670



112.3390, 22.5109, -33.6233



117.7980, 19.8196, -10.3468

Triad

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



112.3390, 22.5109, -33.6233



120.0260, -5.9288, 35.0572



112.7090, -12.1815, -12.8998

Complementary

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



112.3390, 22.5109, -33.6233



119.6610, -22.5109, 33.6233

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.



115.6960, -19.0771, 5.5286



112.3390, 22.5109, -33.6233



118.7130, -14.6485, 31.8237

Square

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



112.3390, 22.5109, -33.6233



120.9140, 3.9864, 28.1394



117.6810, -19.5627, 21.3278



109.7480, -1.3548, -32.2280

Rectangle

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



112.3390, 22.5109, -33.6233



120.1590, 15.6976, 5.1226



117.6810, -19.5627, 21.3278



113.9440, -15.2554, -6.9669

Sweetspot

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



112.3390, 22.5109, -33.6233



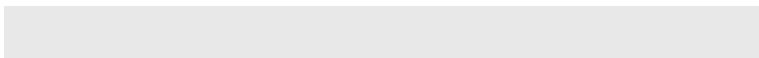
188.9150, 8.9159, -13.0805



127.2980, -9.0209, -46.7423



93.7370, 5.5527, -7.6623



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



112.3390, 22.5109, -33.6233



134.3610, 35.8110, -52.9366



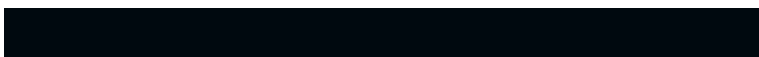
87.6850, 34.6653, -12.0017



74.8470, 2.0474, -3.3738



65.0230, 38.4427, -57.0252



6.9930, 3.9475, -6.1329

Inverse Universe

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



104.7020, 9.0209, 46.7423



122.5450, 14.0283, 74.0670



144.3150, -34.6653, 12.0017



73.9620, 1.0047, 4.4183



52.2190, 15.1750, 79.6149



5.5110, 1.7201, 8.3219

Previews

White Background



This preview shows how the YUV color 112.3390, 22.5109, -33.6233 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 112.3390, 22.5109, -33.6233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

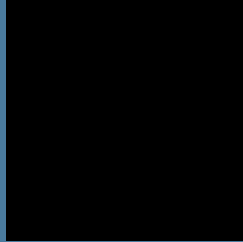
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 112.3390, 22.5109, -33.6233

Background



This preview shows how black text looks on a background with the YUV color 112.3390, 22.5109, -33.6233.

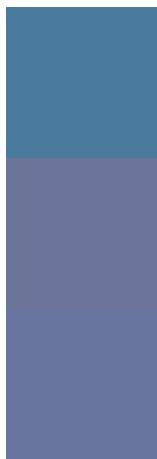


This preview shows how white text looks on a background with the YUV color 112.3390, 22.5109,

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

112.3390, 22.5109, -33.6233

Protanopia

117.8260, 17.3408, -8.6174

Deuteranopia

117.7270, 20.8406, -11.1616



Tritanopia

109.9010, 13.3598, -38.5012

Trichromacy



Original Color

112.3390, 22.5109, -33.6233

Protanomaly

116.2270, 19.1151, -17.7391

Deuteranomaly

116.0850, 21.1571, -19.3685

Tritanomaly

111.1230, 16.7014, -36.9419

Monochromacy



Original Color

112.3390, 22.5109, -33.6233

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.1000, 8.3317, -12.3657

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.3390, 22.5109, -33.6233 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(74, 123, 158)` looks like.

```
.text, #text, p{  
    color:rgb(74, 123, 158)  
}
```

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(74, 123, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 123, 158) }
```

Border

The CSS property to change the border of an element to YUV 112.3390, 22.5109, -33.6233 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(74, 123, 158) }
```


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

```
.border{ border-color:rgb(74, 123, 158) }
```

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

Here you see how a box with a 4 pixel rgb(74, 123, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 123, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 123, 158);  
box-shadow:4px 4px 4px 4px rgb(74, 123,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 112.3390, 22.5109, -33.6233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 123, 158) }
```

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

```
.background{ background-color: rgb(74, 123,  
158) }
```

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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