

Converting Colors

YUV(111.6990, 23.3194,
-12.8910)

Have a look what the booklet for
YUV(111.6990, 23.3194, -12.8910)
contains.

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Color

**YUV(111.6990, 23.3194,
-12.8910)**

Conversions

Conversions Part 1

Format	Color
Hex	616E9F
RGB	97, 110, 159
RGB Percent	38%, 43%, 62%
CMY	0.6196, 0.5686, 0.3765
CMYK	0.39, 0.31, 0.00, 0.38
HSL	227°, 24%, 50%
HSV	227°, 39%, 62%
XYZ	16.7637, 16.1965, 35.0436
YIQ	111.6990, -23.4770, 12.4830

Conversions

Conversions Part 2

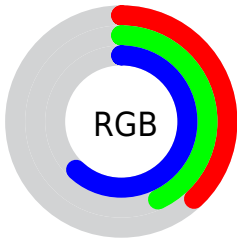
Format	Color
R _Y B	97, 108, 159
Decimal	6385311
CIE Lab	47.23, 7.85, -28.04
CIE LCh	47, 29.120, 285.646
Yxy	16.1965, 0.2465, 0.2382
Android (android.graphics.Color)	4284575391 (0xFF616E9F)
YUV	111.6990, 23.3194, -12.8910
Hunter-Lab	40.2448, 3.9245, -23.4560

Details

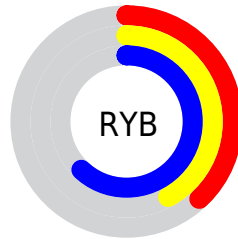
The YUV color **111.6990, 23.3194, -12.8910** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **144.3010, -23.3194, 12.8910**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.7530, 24.7718, -12.0614**, and **62.9330, 21.7250, -14.8502** is the 20% darker color. If you saturate the color by 10%, you get **99.2840, 29.4400, -16.0351**, and if you desaturate by 10%, it is **124.1140, 17.1988, -9.7470**.

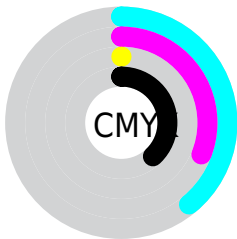
Distribution



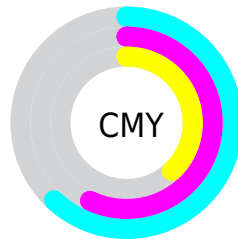
- Red (38%)
- Green (43%)
- Blue (62%)



- Red (38%)
- Yellow (42%)
- Blue (62%)



- Cyan (39%)
- Magenta (31%)
- Yellow (0%)
- Black (38%)



- Cyan (62%)
- Magenta (57%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.6990, 23.3194, -12.8910 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 111.6990, 23.3194, -12.8910 by changing the saturation by 10% instead.

■ 111.6990, 23.3194,
-12.8910

■ 111.6990, 23.3194,
-12.8910

■ 255.0000, 0.0000,
0.0000

■ 87.1720, 22.5932,
-13.3058

■ 163.7530, 24.7718,
-12.0614

■ 62.9330, 21.7250,
-14.8502

■ 190.8670, 25.2086,
-12.1614

■ 39.2100, 21.5885,
-17.7242

■ 217.1570, 18.6566,
-10.6617

■ 19.0530, 19.6939,
-16.7095

■ 242.8510, 5.9895,
-7.7623

■ 5.3920, 15.5827,
-4.7288

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,

0.0000

■ 111.6990, 23.3194,
-12.8910

■ 111.6990, 23.3194,
-12.8910

■ 99.2840, 29.4400,
-16.0351

■ 124.1140, 17.1988,
-9.7470

■ 87.4560, 35.2712,
-19.6939

■ 135.9420, 11.3676,
-6.0881

■ 75.0410, 41.3918,
-22.8380

■ 148.3570, 5.2470,
-2.9441

■ 63.2130, 47.2230,
-26.4968

■ 160.1850, -0.5842,
0.7148

■ 50.7980, 53.3436,
-29.6408

■ 172.6000, -6.7048,
3.8588

■ 39.2690, 59.0274,
-32.6849

■ 184.1290,
-12.3886, 6.9029

■ 37.4970, 59.9010,
-32.8849

■ 196.5440,
-18.5092, 10.0469

■ 208.9590,
-24.6298, 13.1910

■ 220.7870,
-30.4610, 16.8498

Harmonies

Analogous

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



103.2390, 27.4902, -44.0596



111.6990, 23.3194, -12.8910



115.1000, 15.2337, 13.9443

Triad

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



111.6990, 23.3194, -12.8910



112.4640, -16.9908, 36.4271



100.5190, -0.7489, -39.9202

Complementary

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



111.6990, 23.3194, -12.8910



144.3010, -23.3194, 12.8910

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.



106.1170, -14.3547, -15.8886



111.6990, 23.3194, -12.8910



110.8940, -22.6257, 23.7720

Square

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



111.6990, 23.3194, -12.8910



113.8310, -6.8187, 40.4902



109.1860, -22.2767, 5.0989



90.2020, 16.6624, -71.2142

Rectangle

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



111.6990, 23.3194, -12.8910



115.4670, 8.6438, 27.6544



109.1860, -22.2767, 5.0989



102.6080, -5.7227, -31.2282

Sweetspot

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



111.6990, 23.3194, -12.8910



187.7850, 9.4730, -5.0734



138.9800, 3.4609, -36.8165



93.4710, 5.6838, -3.0441



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.



111.6990, 23.3194, -12.8910



132.4990, 36.7290, -20.6086



109.4500, 24.4281, 4.8673



73.0860, 2.9156, -1.8294



33.9120, 53.7804, -29.7408



3.4710, 5.6838, -3.0441

Inverse Universe

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



117.0200, -3.4609, 36.8165



140.6960, -5.2731, 58.1486



146.5500, -24.4281, -4.8673



73.6200, -0.3057, 4.7183



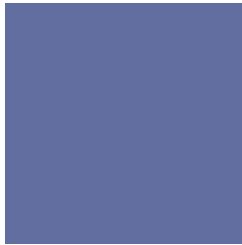
46.1770, -7.9753, 84.9138



4.8270, -0.9007, 8.9217

Previews

White Background



This preview shows how the YUV color 111.6990, 23.3194, -12.8910 looks on a white background.

Color Contrast Check

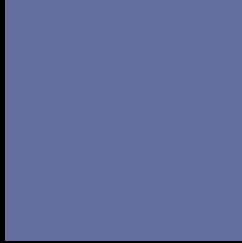
Large Text (above 18pt) WCAG AA ✓ Pass

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 111.6990, 23.3194, -12.8910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

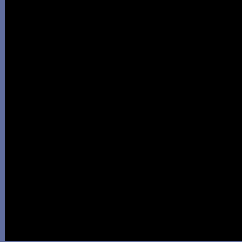
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

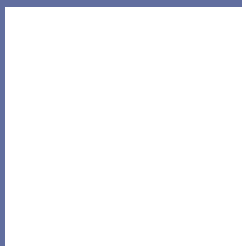
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 111.6990, 23.3194, -12.8910

Background



This preview shows how black text looks on a background with the YUV color 111.6990, 23.3194, -12.8910.



This preview shows how white text looks on a background with the YUV color 111.6990, 23.3194, -12.8910.

-12.8910.

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

111.6990, 23.3194, -12.8910

Protanopia

111.4000, 23.4668, -13.5058

Deuteranopia

111.3890, 23.4722, -15.2502



Tritanopia

109.0670, 8.3480, -17.5988

Trichromacy



Original Color

111.6990, 23.3194, -12.8910

Protanomaly

111.4000, 23.4668, -13.5058

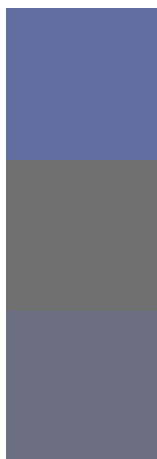
Deuteranomaly

111.6880, 23.3248, -14.6354

Tritanomaly

110.1580, 13.7261, -15.9246

Monochromacy



Original Color

111.6990, 23.3194, -12.8910

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

111.8560, 8.4520, -4.2587

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.6990, 23.3194, -12.8910 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(97, 110, 159)` looks like.

```
.text, #text, p{  
    color:rgb(97, 110, 159)  
}
```

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(97, 110, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 110, 159) }
```

Border

The CSS property to change the border of an element to YUV 111.6990, 23.3194, -12.8910 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(97, 110, 159) }
```


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

```
.border{ border-color:rgb(97, 110, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 110, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 110, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 110, 159);  
box-shadow:4px 4px 4px 4px rgb(97, 110,  
159) }
```

Background

The CSS property to change the background color of an element to YUV 111.6990, 23.3194, -12.8910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 110, 159) }
```

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

```
.background{ background-color: rgb(97, 110,  
159) }
```

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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