

Converting Colors

YUV(60.9190, 23.2109, 21.9960)

Have a look what the booklet for
YUV(60.9190, 23.2109, 21.9960)
contains.

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Color

**YUV(60.9190, 23.2109,
21.9960)**

Conversions

Conversions Part 1

Format	Color
Hex	56276C
RGB	86, 39, 108
RGB Percent	34%, 15%, 42%
CMY	0.6627, 0.8471, 0.5765
CMYK	0.20, 0.64, 0.00, 0.58
HSL	281°, 47%, 29%
HSV	281°, 64%, 42%
XYZ	7.2700, 4.5122, 14.6751
YIQ	60.9190, 5.8630, 31.4230

Conversions

Conversions Part 2

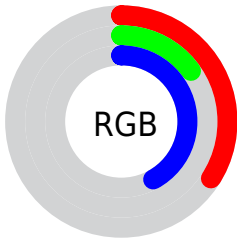
Format	Color
R_{YB}	86, 39, 108
Decimal	5646188
CIE _{Lab}	25.30, 34.24, -31.34
CIE _{LCh}	25, 46.417, 317.531
Yxy	4.5122, 0.2748, 0.1705
Android (android.graphics.Color)	4283836268 (0xFF56276C)
YUV	60.9190, 23.2109, 21.9960
Hunter-Lab	21.2419, 23.9184, -26.0916

Details

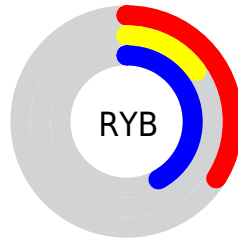
The YUV color **60.9190, 23.2109, 21.9960** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **86.0810, -23.2109, -21.9960**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.5710, 24.3685, 24.0552**, and **17.9030, 20.7538, 16.7481** is the 20% darker color. If you saturate the color by 10%, you get **53.5650, 26.8365, 25.8145**, and if you desaturate by 10%, it is **68.2730, 19.5854, 18.1776**.

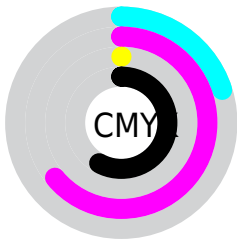
Distribution



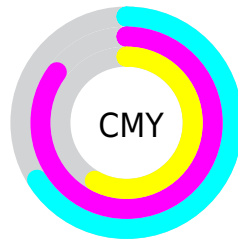
- Red (34%)
- Green (15%)
- Blue (42%)



- Red (34%)
- Yellow (15%)
- Blue (42%)



- Cyan (20%)
- Magenta (64%)
- Yellow (0%)
- Black (58%)



- Cyan (66%)
- Magenta (85%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 60.9190, 23.2109, 21.9960 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 60.9190, 23.2109, 21.9960 by changing the saturation by 10% instead.

60.9190, 23.2109,
21.9960

60.9190, 23.2109,
21.9960

255.0000, 0.0000,
0.0000

36.5060, 22.9215,
21.4812

110.5710, 24.3685,
24.0552

17.9030, 20.7538,
16.7481

136.3970, 24.9473,
25.0848

6.4250, 15.5665,
0.5043

163.2230, 25.5261,
26.1144

2.1830, 5.8258,
-1.9145

190.7500, 26.2523,
26.5293

0.0000, 0.0000,
0.0000

216.5240, 18.9687,
29.3585

234.4550, 10.1287,

18.0180

251.4780, 1.7363,
3.0888

60.9190, 23.2109,
21.9960

60.9190, 23.2109,
21.9960

53.5650, 26.8365,
25.8145

68.2730, 19.5854,
18.1776

45.9120, 30.6094,
29.0182

75.9260, 15.8125,
14.9739

39.1450, 33.9455,
32.3218

82.6930, 12.4764,
11.6702

34.4380, 36.2661,
34.6959

90.3460, 8.7034,
8.4666

97.7000, 5.0779,
4.6481

■ 105.3530, 1.3050,
1.4444

■ 112.7070, -2.3206,
-2.3740

■ 119.7730, -5.8041,
-5.0629

■ 127.1270, -9.4296,
-8.8814

Harmonies

Analogous

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



48.6490, 39.1200, -40.9112



60.9190, 23.2109, 21.9960



52.7290, 11.4726, 53.7347

Triad

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



60.9190, 23.2109, 21.9960



57.1240, -28.1621, 26.2013



53.1450, 13.2395, -46.6082

Complementary

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



60.9190, 23.2109, 21.9960



86.0810, -23.2109, -21.9960

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.



48.4540, -2.1958, -42.4942



60.9190, 23.2109, 21.9960



54.8990, -27.0652, 0.9656

Square

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



60.9190, 23.2109, 21.9960



54.2930, -24.3014, 47.9780



42.1330, -18.7996, -36.9506



56.2060, 27.5064, -49.2927

Rectangle

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



60.9190, 23.2109, 21.9960



48.3790, 2.2782, 62.8116



42.1330, -18.7996, -36.9506



51.7770, 7.9979, -45.4084

Sweetspot

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



60.9190, 23.2109, 21.9960



122.3460, 8.7034, 8.4666



60.3670, 23.4831, -18.7389



60.1130, 5.3673, 5.1629



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



60.9190, 23.2109, 21.9960



66.4380, 36.2661, 34.6959



66.1290, 14.7264, 36.7209



49.8800, 2.0312, 1.8592



37.2580, 39.3128, 37.4847



77.8630, 82.3985, 78.1731

Inverse Universe

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



62.1390, -0.5615, 40.2201



68.2820, -0.6320, 62.8967



80.8710, -14.7264, -36.7209



50.0220, -0.0108, 3.4887



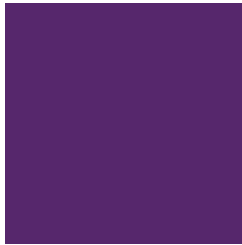
39.2010, -1.0851, 68.2297



82.1470, -2.0445, 142.8221

Previews

White Background



This preview shows how the YUV color 60.9190, 23.2109, 21.9960 looks on a white background.

Color Contrast Check

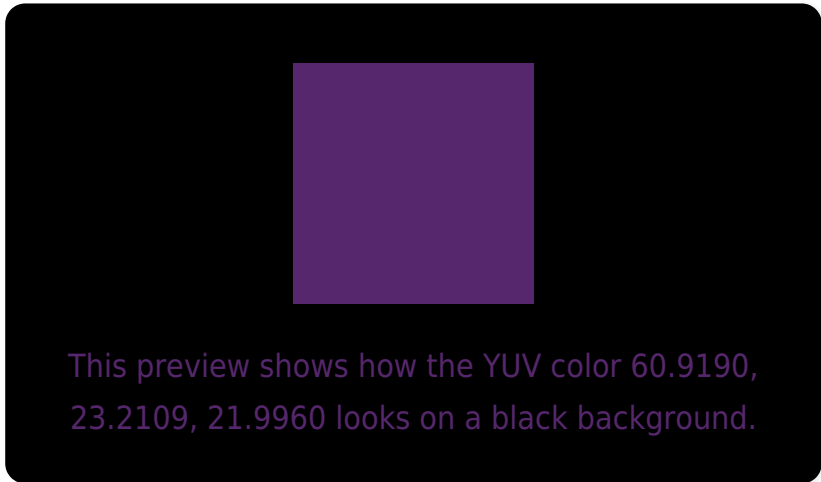
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

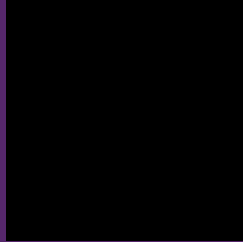
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 60.9190, 23.2109, 21.9960 Background



This preview shows how black text looks on a background with the YUV color 60.9190, 23.2109, 21.9960.



This preview shows how white text looks on a background with the YUV color 60.9190, 23.2109,

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

60.9190, 23.2109, 21.9960

Protanopia

48.7690, 37.0889, -42.7704

Deuteranopia

56.3340, 23.4993, -23.9719



Tritanopia

61.6320, -1.7906, 14.3547

Trichromacy



Original Color

60.9190, 23.2109, 21.9960

Protanomaly

53.2450, 31.9242, -19.5089

Deuteranomaly

58.0310, 23.1557, -7.0432

Tritanomaly

61.6460, 7.0765, 16.9735

Monochromacy



Original Color

60.9190, 23.2109, 21.9960

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

60.9330, 8.4140, 7.9518

CSS Examples

Text

The CSS property to change the color of the text to YUV 60.9190, 23.2109, 21.9960 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(86, 39, 108)` looks like.

```
.text, #text, p{  
    color:rgb(86, 39, 108)  
}
```

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(86, 39, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 39, 108) }
```

Border

The CSS property to change the border of an element to YUV 60.9190, 23.2109, 21.9960 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(86, 39, 108) }
```


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

```
.border{ border-color:rgb(86, 39, 108) }
```

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

Here you see how a box with a 4 pixel rgb(86, 39, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 39, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 39, 108);  
box-shadow:4px 4px 4px 4px rgb(86, 39,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 60.9190, 23.2109, 21.9960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 39, 108) }
```

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

```
.background{ background-color: rgb(86, 39,  
108) }
```

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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