

Converting Colors

YUV(22.6910, 35.6483, -0.6060)

Have a look what the booklet for
YUV(22.6910, 35.6483, -0.6060)
contains.

YUV(22.6910, 35.6483, -0.6060)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(22.6910, 35.6483,
-0.6060)**

Conversions

Conversions Part 1

Format	Color
Hex	16095F
RGB	22, 9, 95
RGB Percent	9%, 4%, 37%
CMY	0.9137, 0.9647, 0.6275
CMYK	0.77, 0.91, 0.00, 0.63
HSL	249°, 83%, 20%
HSV	249°, 91%, 37%
XYZ	2.4941, 1.1922, 10.9251
YIQ	22.6910, -19.8580, 29.5020

Conversions

Conversions Part 2

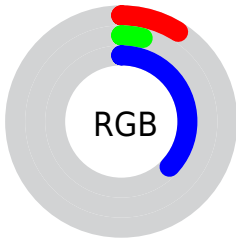
Format	Color
R _Y B	22, 9, 95
Decimal	1444191
CIE Lab	10.50, 34.36, -47.25
CIE LCh	10, 58.420, 306.025
Yxy	1.1922, 0.1707, 0.0816
Android (android.graphics.Color)	4279634271 (0xFF16095F)
YUV	22.6910, 35.6483, -0.6060
Hunter-Lab	10.9187, 21.6667, -51.6821

Details

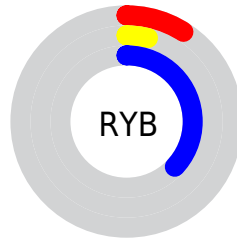
The YUV color **22.6910, 35.6483, -0.6060** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **81.3090, -35.6483, 0.6060**, and the grayscale version is **22.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **72.3760, 36.7896, 6.6862**, and **7.7060, 19.3719, -6.7582** is the 20% darker color. If you saturate the color by 10%, you get **15.0160, 39.4321, -0.8910**, and if you desaturate by 10%, it is **30.3660, 31.8646, -0.3210**.

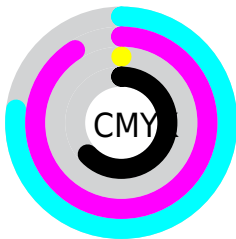
Distribution



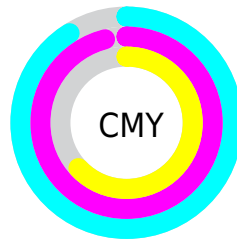
- Red (9%)
- Green (4%)
- Blue (37%)



- Red (9%)
- Yellow (4%)
- Blue (37%)



- Cyan (77%)
- Magenta (91%)
- Yellow (0%)
- Black (63%)



- Cyan (91%)
- Magenta (96%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 22.6910, 35.6483, -0.6060 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 22.6910, 35.6483, -0.6060 by changing the saturation by 10% instead.

■ 22.6910, 35.6483,
-0.6060

■ 22.6910, 35.6483,
-0.6060

■ 244.4340, 5.2090,
9.2664

■ 8.0940, 31.0127,
-7.0984

■ 72.3760, 36.7896,
6.6862

■ 7.7060, 19.3719,
-6.7582

■ 97.6150, 37.6578,
8.2306

■ 3.5510, 11.0674,
-3.1142

■ 122.8540, 38.5260,
9.7750

■ 0.0000, 0.0000,
0.0000

■ 149.4950, 39.6890,
10.0899

■ 176.2780, 38.8099,
12.0342

■ 200.4990, 26.8690,

15.3484

■ 225.9050, 14.3438,
19.3773

■ 22.6910, 35.6483,
-0.6060

■ 22.6910, 35.6483,
-0.6060

■ 15.0160, 39.4321,
-0.8910

■ 30.3660, 31.8646,
-0.3210

■ 38.6280, 27.7914,
-0.5508

■ 46.8900, 23.7182,
-0.7805

■ 54.5650, 19.9345,
-0.4955

■ 62.8270, 15.8613,
-0.7253

■ 70.5020, 12.0775,
-0.4403

■ 78.7640, 8.0043,
-0.6700

■ 86.7380, 4.0732,
0.2298

■ 95.0000, 0.0000,
0.0000

Harmonies

Analogous

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



32.6120, 38.6453, -28.6007



22.6910, 35.6483, -0.6060



30.0910, 15.7311, 41.1392

Triad

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



22.6910, 35.6483, -0.6060



24.1090, -11.8857, 32.3534



28.7580, 3.5703, -25.2208

Complementary

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



22.6910, 35.6483, -0.6060



81.3090, -35.6483, 0.6060

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.



24.0670, -11.8650, -21.1068



22.6910, 35.6483, -0.6060



26.5800, -13.1039, 2.9993

Square

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



22.6910, 35.6483, -0.6060



24.5180, -12.0874, 50.4117



22.3060, -10.9969, -19.5624



34.4920, 20.4634, -30.2495

Rectangle

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



22.6910, 35.6483, -0.6060



30.7150, 2.6055, 51.1159



22.3060, -10.9969, -19.5624



27.1620, -2.5449, -23.8211

Sweetspot

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



22.6910, 35.6483, -0.6060



94.2570, 13.6773, -0.2254



61.6550, 16.4391, -46.1784



45.0630, 7.8569, -0.0553



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



22.6910, 35.6483, -0.6060



19.5890, 50.4886, -0.5166



35.5480, 29.3098, 25.8294



44.4560, 1.7472, -0.3999



17.8510, 46.4155, -0.7463



38.1240, 99.5249, -1.8627

Inverse Universe

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



43.0360, 19.2093, 45.5724



48.3340, 27.4433, 64.6051



68.4520, -29.3098, -25.8294



45.6520, 1.1576, 2.0592



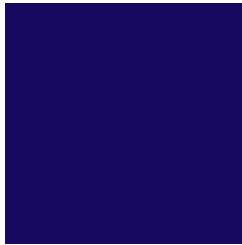
44.3180, 24.9862, 59.3571



94.9020, 53.2923, 127.2509

Previews

White Background



This preview shows how the YUV color 22.6910, 35.6483, -0.6060 looks on a white background.

Color Contrast Check

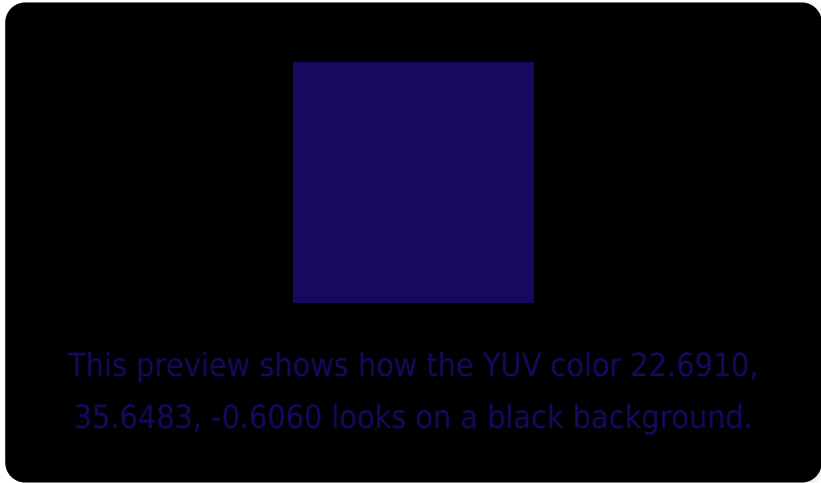
Large Text (above 18pt) WCAG AA ✓ Pass

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

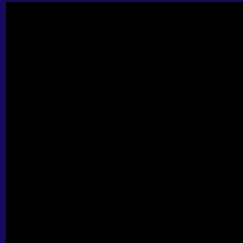
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 22.6910, 35.6483, -0.6060

Background



This preview shows how black text looks on a background with the YUV color 22.6910, 35.6483, -0.6060.



This preview shows how white text looks on a background with the YUV color 22.6910, 35.6483, -0.6060.

-0.6060.

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

22.6910, 35.6483, -0.6060

Protanopia

24.7920, 18.8365, -21.7426

Deuteranopia

24.8260, 13.8898, -21.7724



Tritanopia

24.0620, 5.8854, -21.1024

Trichromacy



Original Color

22.6910, 35.6483, -0.6060

Protanomaly

23.8560, 25.2140, -13.9057

Deuteranomaly

24.2320, 21.5776, -14.2355

Tritanomaly

23.5650, 16.4835, -13.6505

Monochromacy



Original Color

22.6910, 35.6483, -0.6060

Achromatopsia

23.0000, 0.0000, 0.0000

Achromatomaly

23.0290, 12.8037, -0.0254

CSS Examples

Text

The CSS property to change the color of the text to YUV 22.6910, 35.6483, -0.6060 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(22, 9, 95)` looks like.

```
.text, #text, p{  
    color:rgb(22, 9, 95)  
}
```

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(22, 9, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 9, 95) }
```

Border

The CSS property to change the border of an element to YUV 22.6910, 35.6483, -0.6060 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(22, 9, 95) }
```


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

```
.border{ border-color:rgb(22, 9, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 9, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 9, 95); -webkit-box-shadow:4px  
4px 4px 4px rgb(22, 9, 95); box-shadow:4px  
4px 4px 4px rgb(22, 9, 95) }
```

Background

The CSS property to change the background color of an element to YUV 22.6910, 35.6483, -0.6060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 9, 95) }
```

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

```
.background{ background-color: rgb(22, 9,  
95) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor