

Converting Colors

YUV(22.0260, 61.1192, -3.5308)

Have a look what the booklet for
YUV(22.0260, 61.1192, -3.5308)
contains.

YUV(22.0260, 61.1192, -3.5308)	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>	30

Color

**YUV(22.0260, 61.1192,
-3.5308)**

Conversions

Conversions Part 1

Format	Color
Hex	120092
RGB	18, 0, 146
RGB Percent	7%, 0%, 57%
CMY	0.9294, 1.0000, 0.4275
CMYK	0.88, 1.00, 0.00, 0.43
HSL	247°, 100%, 29%
HSV	247°, 100%, 57%
XYZ	5.4378, 2.2039, 27.3329
YIQ	22.0260, -36.1380, 49.2220

Conversions

Conversions Part 2

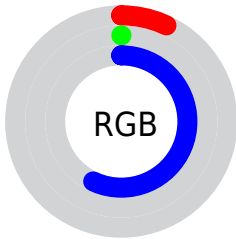
Format	Color
RYB	18, 0, 146
Decimal	1179794
CIELab	16.52, 52.48, -70.09
CIELCh	17, 87.559, 306.822
Yxy	2.2039, 0.1555, 0.0630
Android (android.graphics.Color)	4279369874 (0xFF120092)
YUV	22.0260, 61.1192, -3.5308
Hunter-Lab	14.8456, 39.4025, -98.7696

Details

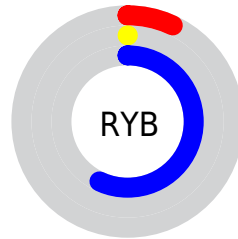
The YUV color **22.0260, 61.1192, -3.5308** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **123.9740, -61.1192, 3.5308**, and the grayscale version is **21.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **83.0060, 58.1710, 8.7647**, and **10.7160, 41.0590, -9.3979** is the 20% darker color. If you saturate the color by 10%, you get **22.0260, 61.1192, -3.5308**, and if you desaturate by 10%, it is **34.7180, 54.8620, -3.2607**.

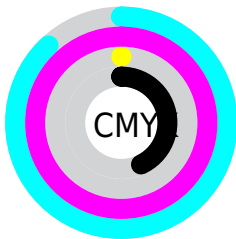
Distribution



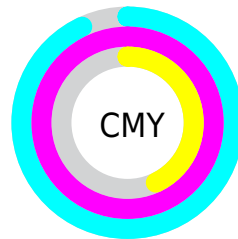
- Red (7%)
- Green (0%)
- Blue (57%)



- Red (7%)
- Yellow (0%)
- Blue (57%)



- Cyan (88%)
- Magenta (100%)
- Yellow (0%)
- Black (43%)



- Cyan (93%)
- Magenta (100%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 22.0260, 61.1192, -3.5308 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 22.0260, 61.1192, -3.5308 by changing the saturation by 10% instead.

■ 22.0260, 61.1192,
-3.5308

■ 22.0260, 61.1192,
-3.5308

■ 247.9560, 3.4727,
6.1776

■ 13.5660, 51.9790,
-11.8974

■ 83.0060, 58.1710,
8.7647

■ 10.7160, 41.0590,
-9.3979

■ 109.9570, 59.1812,
11.4387

■ 12.5620, 27.8239,
-11.0169

■ 136.4520, 58.4442,
14.5126

■ 7.0050, 19.2245,
-6.1434

■ 160.6840, 46.4978,
19.5711

■ 3.3230, 10.1938,
-2.9143

■ 185.5030, 34.2620,
24.1149

■ 0.0000, 0.0000,
0.0000

■ 210.9090, 21.7369,

28.1438

■ 230.9330, 11.8650,
21.1068

■ 22.0260, 61.1192,
-3.5308

■ 34.7180, 54.8620,
-3.2607

■ 46.8230, 48.8943,
-2.4758

■ 59.2160, 42.7845,
-2.8204

■ 71.3210, 36.8167,
-2.0355

■ 84.0130, 30.5596,
-1.7654

■ 96.7050, 24.3024,
-1.4953

■ 108.8100, 18.3347,
-0.7104

■ 121.2030, 12.2249,
-1.0550

■ 133.3080, 6.2572,
-0.2701

Harmonies

Analogous

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



49.6590, 60.8071, -43.5509



22.0260, 61.1192, -3.5308



45.7700, 22.7914, 63.3457

Triad

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



22.0260, 61.1192, -3.5308



30.4210, -14.9976, 50.4968



40.3160, 7.2392, -35.3571

Complementary

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



22.0260, 61.1192, -3.5308



123.9740, -61.1192, 3.5308

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.



33.4590, -16.4953, -29.3435



22.0260, 61.1192, -3.5308



37.4890, -18.4821, 1.3251

Square

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



22.0260, 61.1192, -3.5308



36.4780, -17.9837, 75.0028



31.6980, -15.6271, -27.7991



49.8460, 33.5999, -43.7149

Rectangle

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



22.0260, 61.1192, -3.5308



46.1790, 2.3768, 77.8960



31.6980, -15.6271, -27.7991



37.8080, -2.3703, -33.1576

Sweetspot

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



22.0260, 61.1192, -3.5308



140.5910, 23.8656, -1.3953



92.3670, 26.4411, -81.0059



65.3710, 14.1141, -0.3254



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



22.0260, 61.1192, -3.5308



28.4230, 79.1645, -4.7560



43.5540, 50.5059, 40.7331



67.7980, 3.0576, -0.6998



20.8150, 57.7722, -3.3458



1.4390, 4.2206, -0.3850

Inverse Universe

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



58.2460, 34.3887, 76.9603



75.3210, 44.2117, 99.6965



102.4460, -50.5059, -40.7331



69.7770, 1.5889, 3.7036



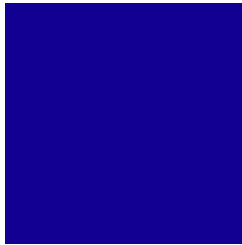
55.0560, 32.5104, 72.7419



4.0160, 2.4571, 5.2480

Previews

White Background



This preview shows how the YUV color 22.0260, 61.1192, -3.5308 looks on a white background.

Color Contrast Check

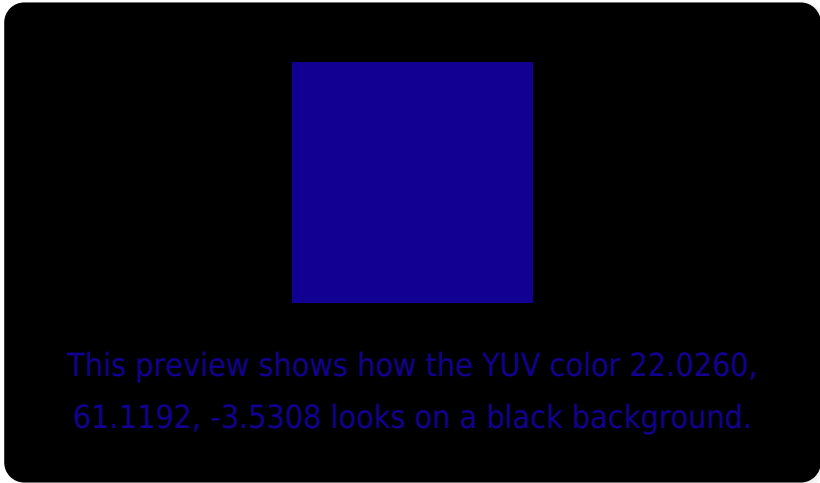
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.0260, 61.1192, -3.5308

Background



This preview shows how black text looks on a background with the YUV color 22.0260, 61.1192, -3.5308.



This preview shows how white text looks on a background with the YUV color 22.0260, 61.1192,

-3.5308.

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



Protanopia

35.6150, 27.3048, -31.2344

Deuteranopia

35.7800, 20.3215, -31.3791

Tritanopia

35.2780, 8.2439, -30.9388

Trichromacy



Protanomaly

30.5960, 39.6392, -20.6937

Deuteranomaly

30.7440, 35.1292, -20.8235

Tritanomaly

30.6810, 27.2723, -20.7682

Monochromacy



Achromatopsia

22.0000, 0.0000, 0.0000

Achromatomaly

22.1350, 22.1184, -0.9954

CSS Examples

Text

The CSS property to change the color of the text to YUV 22.0260, 61.1192, -3.5308 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(18, 0, 146)` looks like.

```
.text, #text, p{  
    color:rgb(18, 0, 146)  
}
```

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(18, 0, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 0, 146) }
```

Border

The CSS property to change the border of an element to YUV 22.0260, 61.1192, -3.5308 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(18, 0, 146) }
```

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

```
.border{ border-color:rgb(18, 0, 146) }
```

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

Here you see how a box with a 4 pixel rgb(18, 0, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 0, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 0, 146);  
box-shadow:4px 4px 4px 4px rgb(18, 0, 146)  
}
```


Background

The CSS property to change the background color of an element to YUV 22.0260, 61.1192, -3.5308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 0, 146) }
```

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

```
.background{ background-color: rgb(18, 0,  
146) }
```

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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