

Converting Colors

YUV(73.9930, 21.2025, 59.6421)

Have a look what the booklet for
YUV(73.9930, 21.2025, 59.6421)
contains.

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Color

**YUV(73.9930, 21.2025,
59.6421)**

Conversions

Conversions Part 1

Format	Color
Hex	8E1F75
RGB	142, 31, 117
RGB Percent	56%, 12%, 46%
CMY	0.4431, 0.8784, 0.5412
CMYK	0.00, 0.78, 0.18, 0.44
HSL	314°, 64%, 34%
HSV	314°, 78%, 56%
XYZ	14.8562, 8.0151, 17.5937
YIQ	73.9930, 38.5500, 50.2780

Conversions

Conversions Part 2

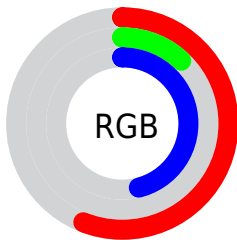
Format	Color
R_{YB}	142, 31, 117
Decimal	9314165
CIE _{Lab}	34.01, 53.76, -22.70
CIE _{LCh}	34, 58.353, 337.105
Yxy	8.0151, 0.3671, 0.1981
Android (android.graphics.Color)	4287504245 (0xFF8E1F75)
YUV	73.9930, 21.2025, 59.6421
Hunter-Lab	28.3110, 44.1238, -17.0277

Details

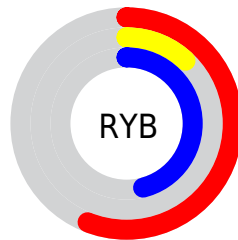
The YUV color **73.9930, 21.2025, 59.6421** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **99.0070, -21.2025, -59.6421**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.4230, 19.0185, 60.1420**, and **34.0640, 16.7304, 47.3019** is the 20% darker color. If you saturate the color by 10%, you get **65.4330, 23.9435, 67.1493**, and if you desaturate by 10%, it is **82.5530, 18.4614, 52.1350**.

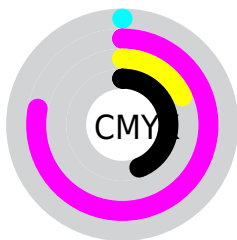
Distribution



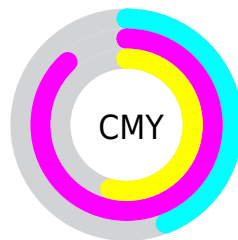
- Red (56%)
- Green (12%)
- Blue (46%)



- Red (56%)
- Yellow (12%)
- Blue (46%)



- Cyan (0%)
- Magenta (78%)
- Yellow (18%)
- Black (44%)



- Cyan (44%)
- Magenta (88%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.9930, 21.2025, 59.6421 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 73.9930, 21.2025, 59.6421 by changing the saturation by 10% instead.

73.9930, 21.2025,
59.6421

73.9930, 21.2025,
59.6421

255.0000, 0.0000,
0.0000

44.8730, 23.2336,
61.5014

130.4230, 19.0185,
60.1420

34.0640, 16.7304,
47.3019

158.1350, 19.1604,
61.2716

23.7820, 10.9535,
33.5172

185.8360, 19.3079,
60.6568

13.6140, 5.6133,
19.6325

204.8770, 23.7246,
43.9579

0.0000, 0.0000,
0.0000

222.1280, 16.2059,
28.8287

239.1510, 7.8136,

13.8996

■ 73.9930, 21.2025,
59.6421

■ 73.9930, 21.2025,
59.6421

■ 65.4330, 23.9435,
67.1493

■ 82.5530, 18.4614,
52.1350

■ 56.8730, 26.6846,
74.6564

■ 91.1130, 15.7203,
44.6279

■ 54.9980, 27.1160,
76.3008

■ 100.3740, 13.1266,
36.5060

■ 108.9340, 10.3855,
28.9989

■ 117.4940, 7.6445,
21.4918

■ 126.0540, 4.9034,
13.9846

■ 134.6140, 2.1623,
6.4775

■ 143.8750, -0.4314,
-1.6444

■ 152.4350, -3.1725,
-9.1515

Harmonies

Analogous

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



80.9850, 36.4894, 9.6602



73.9930, 21.2025, 59.6421



60.3310, 5.2598, 86.5327

Triad

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



73.9930, 21.2025, 59.6421



74.7450, -36.8493, 12.5016



73.5030, 30.3180, -64.4621

Complementary

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



73.9930, 21.2025, 59.6421



99.0070, -21.2025, -59.6421

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.



68.3730, 10.6621, -59.9631



73.9930, 21.2025, 59.6421



64.4690, -31.7832, -25.8443

Square

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



73.9930, 21.2025, 59.6421



75.2420, -37.0943, 44.5148



61.6130, -10.1622, -54.0346



74.1020, 45.3057, -64.9875

Rectangle

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



73.9930, 21.2025, 59.6421



66.5800, -12.6109, 78.4213



61.6130, -10.1622, -54.0346



72.4940, 23.9135, -63.5772

Sweetspot

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



73.9930, 21.2025, 59.6421



157.6190, 8.0758, 23.1361



50.8300, 44.9468, 3.6571



76.0540, 4.9034, 13.9846



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



73.9930, 21.2025, 59.6421



78.0030, 33.0295, 92.9594



67.7230, -2.8214, 65.1409



66.7770, 1.5889, 3.7036



52.3350, 25.9638, 72.4972



3.0760, 1.4415, 4.3183

Inverse Universe

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



73.9930, 21.2025, 59.6421



78.0030, 33.0295, 92.9594



105.2770, 2.8214, -65.1409



66.7770, 1.5889, 3.7036



52.3350, 25.9638, 72.4972



3.0760, 1.4415, 4.3183

Previews

White Background



This preview shows how the YUV color 73.9930, 21.2025, 59.6421 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

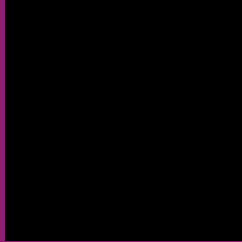
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.9930, 21.2025, 59.6421

Background



This preview shows how black text looks on a background with the YUV color 73.9930, 21.2025, 59.6421.



This preview shows how white text looks on a background with the YUV color 73.9930, 21.2025,

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

73.9930, 21.2025, 59.6421

Protanopia

75.2200, 39.8245, -33.5189

Deuteranopia

81.3270, 14.1358, -7.3028



Tritanopia

78.4580, -11.0718, 51.3413

Trichromacy



Original Color

73.9930, 21.2025, 59.6421

Protanomaly

75.0070, 33.0275, -0.0061

Deuteranomaly

78.5780, 16.9700, 17.0331

Tritanomaly

76.8680, 0.5581, 54.4898

Monochromacy



Original Color

73.9930, 21.2025, 59.6421

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

73.9070, 7.9338, 22.0066

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.9930, 21.2025, 59.6421 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(142, 31, 117)` looks like.

```
.text, #text, p{  
    color:rgb(142, 31, 117)  
}
```

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(142, 31, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 31, 117) }
```

Border

The CSS property to change the border of an element to YUV 73.9930, 21.2025, 59.6421 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(142, 31, 117) }
```


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

```
.border{ border-color:rgb(142, 31, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 31, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 31, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 31, 117);  
box-shadow:4px 4px 4px 4px rgb(142, 31,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 73.9930, 21.2025, 59.6421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 31, 117) }
```

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

```
.background{ background-color: rgb(142, 31,  
117) }
```

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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