

Converting Colors

YUV(149.7210, 6.5465, 0.2447)

Have a look what the booklet for
YUV(149.7210, 6.5465, 0.2447)
contains.

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Color

**YUV(149.7210, 6.5465,
0.2447)**

Conversions

Conversions Part 1

Format	Color
Hex	9693A3
RGB	150, 147, 163
RGB Percent	59%, 58%, 64%
CMY	0.4118, 0.4235, 0.3608
CMYK	0.08, 0.10, 0.00, 0.36
HSL	251°, 8%, 61%
HSV	251°, 10%, 64%
XYZ	29.6223, 29.9958, 38.8788
YIQ	149.7210, -3.3480, 5.6120

Conversions

Conversions Part 2

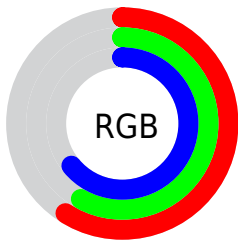
Format	Color
R_{YB}	150, 147, 163
Decimal	9868195
CIE Lab	61.65, 4.30, -8.01
CIE LCh	62, 9.088, 298.215
Yxy	29.9958, 0.3007, 0.3045
Android (android.graphics.Color)	4288058275 (0xFF9693A3)
YUV	149.7210, 6.5465, 0.2447
Hunter-Lab	54.7684, 0.6994, -3.7507

Details

The YUV color $149.7210, 6.5465, 0.2447$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $160.2790, -6.5465, -0.2447$, and the grayscale version is $150.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $203.8350, 6.9833, 0.1447$, and $98.6070, 6.1097, 0.3447$ is the 20% darker color. If you saturate the color by 10%, you get $136.4420, 13.0931, 0.4894$, and if you desaturate by 10%, it is $163.0000, 0.0000, 0.0000$.

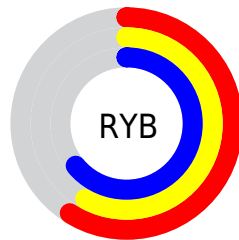
Distribution



Red (59%)

Green (58%)

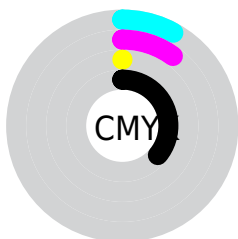
Blue (64%)



Red (59%)

Yellow (58%)

Blue (64%)

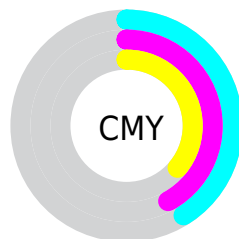


Cyan (8%)

Magenta (10%)

Yellow (0%)

Black (36%)



Cyan (41%)

Magenta (42%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.7210, 6.5465, 0.2447 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 149.7210, 6.5465, 0.2447 by changing the saturation by 10% instead.

■ 149.7210, 6.5465,
0.2447

■ 149.7210, 6.5465,
0.2447

255.0000, 0.0000,
0.0000

■ 123.7210, 6.5465,
0.2447

■ 203.8350, 6.9833,
0.1447

■ 98.6070, 6.1097,
0.3447

■ 231.8350, 6.9833,
0.1447

■ 75.1940, 5.8204,
-0.1701

■ 52.4930, 5.6730,
0.4446

■ 31.0800, 5.3836,
-0.0702

■ 6.6610, 7.5621,
1.1743

■ 0.0000, 0.0000,

0.0000

■ 149.7210, 6.5465,
0.2447

■ 149.7210, 6.5465,
0.2447

■ 136.4420, 13.0931,
0.4894

■ 163.0000, 0.0000,
0.0000

■ 122.5760, 19.9290,
1.2488

■ 176.8660, -6.8359,
-0.7595

■ 108.9980, 26.6230,
0.8788

■ 190.4440,
-13.5299, -0.3894

■ 95.7190, 33.1695,
1.1234

■ 203.7230,
-20.0764, -0.6341

■ 82.4400, 39.7161,
1.3681

■ 217.5890,
-26.9124, -1.3936

■ 68.5740, 46.5520,
2.1276

■ 230.8680,
-33.4589, -1.6382

■ 54.9960, 53.2460,
1.7575

■ 240.9240,
-38.4165, 1.8207

■ 41.7170, 59.7925,
2.0022

■ 244.5120,
-40.1854, 9.1980

■ 27.8510, 66.6285,
2.7617

Harmonies

Analogous

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



148.7200, 8.0260, -7.6474



149.7210, 6.5465, 0.2447



150.5540, 3.1779, 7.4071

Triad

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



149.7210, 6.5465, 0.2447



149.8290, -7.3107, 11.5510



146.4390, 0.7696, -13.5400

Complementary

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



149.7210, 6.5465, 0.2447



160.2790, -6.5465, -0.2447

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.



147.0330, -3.4673, -7.9219



149.7210, 6.5465, 0.2447



148.6820, -7.7312, 6.4179

Square

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



149.7210, 6.5465, 0.2447



150.3500, -4.1165, 13.7251



147.9800, -6.3991, -0.8595



146.1660, 4.8482, -15.0546

Rectangle

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



149.7210, 6.5465, 0.2447



150.8920, 0.5462, 11.4957



147.9800, -6.3991, -0.8595



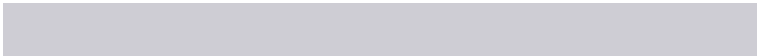
146.6950, -0.8356, -12.0105

Sweetspot

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



149.7210, 6.5465, 0.2447



206.0970, 2.9102, -0.0851



156.4550, 3.2267, -8.2920



103.7550, 1.5998, 0.2149



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



149.7210, 6.5465, 0.2447



190.4590, 10.6197, 0.4745



152.1130, 5.3673, 5.1629



74.6240, 3.6364, 0.3298



24.6030, 59.3557, 2.1022



2.9490, 7.4201, 0.0447

Inverse Universe

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



153.2660, 3.3199, 8.5367



196.1680, 5.3402, 13.8847



157.8870, -5.3673, -5.1629



76.4890, 1.7309, 4.8331



56.8070, 30.1681, 77.3453



7.0920, 3.8986, 9.5663

Previews

White Background



This preview shows how the YUV color 149.7210, 6.5465, 0.2447 looks on a white 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

Black Background



This preview shows how the YUV color 149.7210, 6.5465, 0.2447 looks on a black 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

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

YUV 149.7210, 6.5465, 0.2447

Background



This preview shows how black text looks on a background with the YUV color 149.7210, 6.5465, 0.2447.



This preview shows how white text looks on a background with the YUV color 149.7210, 6.5465,

0.2447.

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

149.7210, 6.5465, 0.2447

Protanopia

149.5250, 7.1362, -2.2144

Deuteranopia

150.6400, 6.0935, 5.5777



Tritanopia

149.5530, 4.6574, -0.4850

Trichromacy



Original Color

149.7210, 6.5465, 0.2447

Protanomaly

149.8240, 6.9888, -1.5996

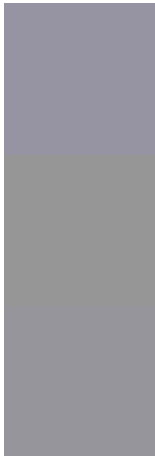
Deuteranomaly

150.3300, 6.2463, 3.2186

Tritanomaly

149.6670, 5.0942, -0.5850

Monochromacy



Original Color

149.7210, 6.5465, 0.2447

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

149.9830, 2.4734, 0.0149

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.7210, 6.5465, 0.2447 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(150, 147, 163)` looks like.

```
.text, #text, p{  
    color:rgb(150, 147, 163)  
}
```

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(150, 147, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 147, 163) }
```

Border

The CSS property to change the border of an element to YUV 149.7210, 6.5465, 0.2447 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(150, 147, 163) }
```


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

```
.border{ border-color:rgb(150, 147, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 147, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 147, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 147, 163);  
box-shadow:4px 4px 4px 4px rgb(150, 147,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 149.7210, 6.5465, 0.2447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 147, 163) }
```

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

```
.background{ background-color: rgb(150,  
147, 163) }
```

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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