

Converting Colors

YUV(150.5220, 18.4767, 0.4192)

Have a look what the booklet for
YUV(150.5220, 18.4767, 0.4192)
contains.

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Color

**YUV(150.5220, 18.4767,
0.4192)**

Conversions

Conversions Part 1

Format	Color
Hex	978FBC
RGB	151, 143, 188
RGB Percent	59%, 56%, 74%
CMY	0.4078, 0.4392, 0.2627
CMYK	0.20, 0.24, 0.00, 0.26
HSL	251°, 25%, 65%
HSV	251°, 24%, 74%
XYZ	31.6621, 29.8551, 51.6708
YIQ	150.5220, -9.6770, 15.6910

Conversions

Conversions Part 2

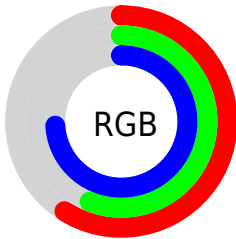
Format	Color
RYB	151, 143, 188
Decimal	9932732
CIELab	61.53, 12.43, -22.33
CIELCh	62, 25.556, 299.103
Yxy	29.8551, 0.2797, 0.2638
Android (android.graphics.Color)	4288122812 (0xFF978FBC)
YUV	150.5220, 18.4767, 0.4192
Hunter-Lab	54.6398, 7.8156, -17.8205

Details

The YUV color $150.5220, 18.4767, 0.4192$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $180.4780, -18.4767, -0.4192$, and the grayscale version is $150.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $205.0490, 19.2028, 0.8340$, and $99.5820, 17.4611, -0.5104$ is the 20% darker color. If you saturate the color by 10%, you get $134.8840, 26.1862, 0.9787$, and if you desaturate by 10%, it is $166.1600, 10.7671, -0.1403$.

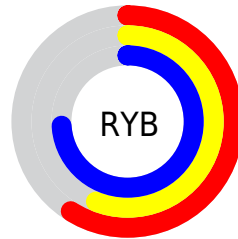
Distribution



Red (59%)

Green (56%)

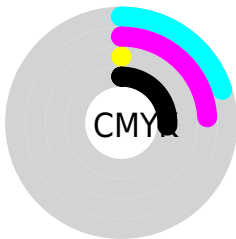
Blue (74%)



Red (59%)

Yellow (56%)

Blue (74%)

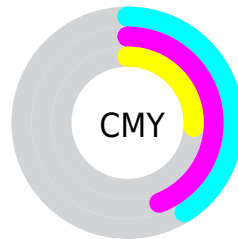


Cyan (20%)

Magenta (24%)

Yellow (0%)

Black (26%)



Cyan (41%)

Magenta (44%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.5220, 18.4767, 0.4192 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 150.5220, 18.4767, 0.4192 by changing the saturation by 10% instead.

■ 150.5220, 18.4767,
0.4192

■ 150.5220, 18.4767,
0.4192

■ 255.0000, 0.0000,
0.0000

■ 124.4080, 18.0399,
0.5192

■ 205.0490, 19.2028,
0.8340

■ 99.5820, 17.4611,
-0.5104

■ 231.1110, 11.7773,
2.5337

■ 75.3540, 16.5875,
-0.3105

■ 253.8260, 0.5788,
1.0296

■ 52.5280, 16.0087,
-1.3401

■ 30.5880, 14.9931,
-2.2697

■ 7.2510, 16.1453,
1.5339

■ 2.5250, 7.1362,

-2.2144

■ 0.0000, 0.0000,
0.0000

■ 150.5220, 18.4767,
0.4192

■ 150.5220, 18.4767,
0.4192

■ 134.8840, 26.1862,
0.9787

■ 166.1600, 10.7671,
-0.1403

■ 118.9470, 34.0431,
0.9235

■ 182.0970, 2.9102,
-0.0851

■ 103.8960, 41.4633,
0.9682

■ 197.1480, -4.5100,
-0.1298

■ 87.9590, 49.3202,
0.9130

■ 213.0850,
-12.3669, -0.0745

■ 72.3210, 57.0297,
1.4725

■ 228.7230,
-20.0764, -0.6341

■ 56.3840, 64.8867,
1.4172

■ 244.0730,
-27.6440, -0.0640

■ 40.7460, 72.5962,
1.9768

■ 247.3620,
-29.2655, 6.6985

■ 31.2990, 77.2536,
1.4918

Harmonies

Analogous

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



146.2200, 23.0625, -23.8719



150.5220, 18.4767, 0.4192



152.3630, 9.6810, 21.6066

Triad

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



150.5220, 18.4767, 0.4192



149.2630, -18.8637, 30.4643



138.4740, 4.2033, -41.6347

Complementary

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



150.5220, 18.4767, 0.4192



180.4780, -18.4767, -0.4192

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.



141.9680, -8.3652, -23.6509



150.5220, 18.4767, 0.4192



147.3660, -21.8724, 15.4650

Square

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



150.5220, 18.4767, 0.4192



150.6690, -11.1758, 38.0013



144.9830, -17.7396, -3.4931



137.2090, 16.1660, -51.9263

Rectangle

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



150.5220, 18.4767, 0.4192



152.2950, 2.8126, 31.3133



144.9830, -17.7396, -3.4931



139.9540, -0.4703, -35.9167

Sweetspot

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



150.5220, 18.4767, 0.4192



230.8350, 6.9833, 0.1447



169.8490, 8.9484, -23.5466



114.3250, 3.7838, -0.2850



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



150.5220, 18.4767, 0.4192



185.6820, 29.2438, 0.2789



157.1000, 15.2337, 13.9443



86.6240, 3.6364, 0.3298



26.3840, 64.8867, 1.4172



5.0290, 12.8037, -0.0254

Inverse Universe

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



160.6730, 9.5282, 23.9658



201.8410, 14.8684, 37.8504



173.9000, -15.2337, -13.9443



88.6030, 2.1677, 4.7332



62.0620, 33.4934, 84.1376



12.1190, 6.3503, 16.5586

Previews

White Background



This preview shows how the YUV color 150.5220, 18.4767, 0.4192 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 150.5220, 18.4767, 0.4192 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 × Fail

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

YUV 150.5220, 18.4767, 0.4192

Background



This preview shows how black text looks on a background with the YUV color 150.5220, 18.4767, 0.4192.



This preview shows how white text looks on a background with the YUV color 150.5220, 18.4767,

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

150.5220, 18.4767, 0.4192

Protanopia

149.0260, 20.6932, -10.5468

Deuteranopia

149.7770, 18.3509, -5.9434



Tritanopia

148.7700, 5.5364, -2.4293

Trichromacy



Original Color

150.5220, 18.4767, 0.4192

Protanomaly

149.8200, 19.8087, -6.8581

Deuteranomaly

150.0870, 18.1981, -3.5843

Tritanomaly

149.3340, 10.1883, -1.1699

Monochromacy



Original Color

150.5220, 18.4767, 0.4192

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

150.7210, 6.5465, 0.2447

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.5220, 18.4767, 0.4192 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(151, 143, 188)` looks like.

```
.text, #text, p{  
    color:rgb(151, 143, 188)  
}
```

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(151, 143, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 143, 188) }
```

Border

The CSS property to change the border of an element to YUV 150.5220, 18.4767, 0.4192 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(151, 143, 188) }
```


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

```
.border{ border-color:rgb(151, 143, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 143, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 143, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 143, 188);  
box-shadow:4px 4px 4px 4px rgb(151, 143,  
188) }
```

Background

The CSS property to change the background color of an element to YUV 150.5220, 18.4767, 0.4192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 143, 188) }
```

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

```
.background{ background-color: rgb(151,  
143, 188) }
```

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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