

Converting Colors

YUV(145.1510, 24.5756, 4.2526)

Have a look what the booklet for
YUV(145.1510, 24.5756, 4.2526)
contains.

YUV(145.1510, 24.5756, 4.2526)	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(145.1510, 24.5756,
4.2526)**

Conversions

Conversions Part 1

Format	Color
Hex	9685C3
RGB	150, 133, 195
RGB Percent	59%, 52%, 76%
CMY	0.4118, 0.4784, 0.2353
CMYK	0.23, 0.32, 0.00, 0.24
HSL	256°, 34%, 64%
HSV	256°, 32%, 76%
XYZ	30.8155, 27.1992, 55.2556
YIQ	145.1510, -9.7700, 22.8860

Conversions

Conversions Part 2

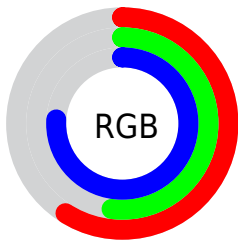
Format	Color
R_{YB}	150, 133, 195
Decimal	9864643
CIE _{Lab}	59.16, 19.53, -29.94
CIE _{LCh}	59, 35.751, 303.115
Yxy	27.1992, 0.2721, 0.2401
Android (android.graphics.Color)	4288054723 (0xFF9685C3)
YUV	145.1510, 24.5756, 4.2526
Hunter-Lab	52.1529, 14.2027, -26.3103

Details

The YUV color **145.1510, 24.5756, 4.2526** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **182.8490, -24.5756, -4.2526**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.2050, 26.0279, 5.0822**, and **94.0970, 23.1232, 3.4229** is the 20% darker color. If you saturate the color by 10%, you get **129.8120, 32.1377, 5.4269**, and if you desaturate by 10%, it is **161.0770, 16.7240, 2.5635**.

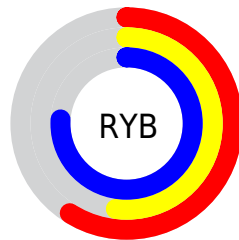
Distribution



Red (59%)

Green (52%)

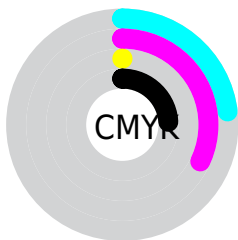
Blue (76%)



Red (59%)

Yellow (52%)

Blue (76%)

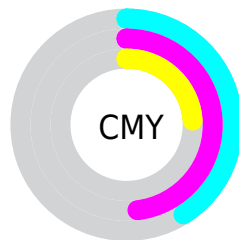


Cyan (23%)

Magenta (32%)

Yellow (0%)

Black (24%)



Cyan (41%)

Magenta (48%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.1510, 24.5756, 4.2526 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 145.1510, 24.5756, 4.2526 by changing the saturation by 10% instead.

■ 145.1510, 24.5756,
4.2526

■ 145.1510, 24.5756,
4.2526

■ 255.0000, 0.0000,
0.0000

■ 119.6240, 23.8494,
3.8378

■ 199.2050, 26.0279,
5.0822

■ 94.0970, 23.1232,
3.4229

■ 224.6540, 14.9606,
8.1964

■ 70.1570, 22.1076,
2.4933

■ 247.3690, 3.7621,
6.6924

■ 47.2170, 21.0920,
1.5637

■ 25.3800, 20.5187,
-1.2103

■ 5.6140, 18.9243,
-3.1695

■ 3.2090, 9.7570,

-2.8143

0.0000, 0.0000,
0.0000

145.1510, 24.5756,
4.2526

145.1510, 24.5756,
4.2526

129.8120, 32.1377,
5.4269

161.0770, 16.7240,
2.5635

113.8860, 39.9892,
7.1160

176.4160, 9.1619,
1.3892

98.5470, 47.5513,
8.2903

192.3420, 1.3104,
-0.2999

82.3220, 55.5503,
9.3646

207.9800, -6.3991,
-0.8595

66.9830, 63.1124,
10.5389

223.9060,
-14.2507, -2.5486

■ 51.0570, 70.9639,
12.2280

■ 239.2450,
-21.8128, -3.7229

■ 38.0770, 77.3630,
13.0875

■ 246.3660,
-25.3234, 2.3100

■ 248.1600,
-26.2079, 5.9987

Harmonies

Analogous

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



137.7980, 33.1306, -33.1488



145.1510, 24.5756, 4.2526



146.1240, 12.2639, 33.2173

Triad

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



145.1510, 24.5756, 4.2526



142.4290, -27.3265, 38.2118



120.6270, 12.0159, -74.2179

Complementary

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



145.1510, 24.5756, 4.2526



182.8490, -24.5756, -4.2526

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.



131.3530, -9.0480, -38.0206



145.1510, 24.5756, 4.2526



139.9010, -30.0242, 16.7498

Square

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



145.1510, 24.5756, 4.2526



143.6660, -16.5973, 50.2819



136.4570, -23.3963, -9.1708



112.8100, 31.1527, -98.9344

Rectangle

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



145.1510, 24.5756, 4.2526



145.6820, 2.6218, 45.8829



136.4570, -23.3963, -9.1708



125.3530, 4.2630, -60.8226

Sweetspot

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



145.1510, 24.5756, 4.2526



231.9430, 9.8881, 1.8040



166.4830, 14.0589, -29.3646



115.0200, 6.3991, 0.8595



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



145.1510, 24.5756, 4.2526



175.6040, 37.6632, 6.4863



154.4200, 20.0059, 23.3107



89.0370, 3.9258, 0.8446



31.5100, 63.8386, 10.9537



6.4530, 13.0877, 2.2337

Inverse Universe

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



156.6680, 10.5167, 33.6172



193.2710, 16.1354, 51.5053



173.5800, -20.0059, -23.3107



90.7880, 1.5835, 5.4479



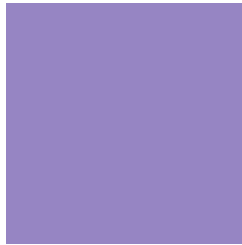
61.4770, 27.3728, 87.2817



12.6030, 5.6187, 17.8882

Previews

White Background



This preview shows how the YUV color 145.1510, 24.5756, 4.2526 looks on a white background.

Color Contrast Check

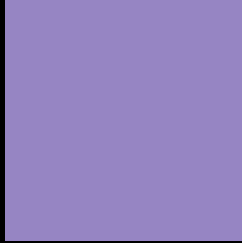
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.1510, 24.5756, 4.2526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

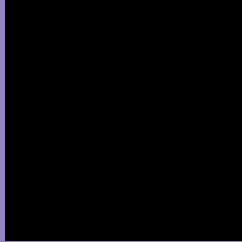
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 145.1510, 24.5756, 4.2526

Background



This preview shows how black text looks on a background with the YUV color 145.1510, 24.5756, 4.2526.



This preview shows how white text looks on a background with the YUV color 145.1510, 24.5756, 4.2526.

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

145.1510, 24.5756, 4.2526

Protanopia

142.1700, 29.0032, -15.9351

Deuteranopia

142.1550, 25.0666, -13.2909



Tritanopia

142.6670, 5.0942, -0.5850

Trichromacy



Original Color

145.1510, 24.5756, 4.2526

Protanomaly

142.8720, 27.6711, -8.6577

Deuteranomaly

142.9000, 25.1923, -6.9283

Tritanomaly

143.5130, 12.0721, 1.3041

Monochromacy



Original Color

145.1510, 24.5756, 4.2526

Achromatopsia

145.0000, 0.0000, 0.0000

Achromatomaly

145.3020, 8.7251, 1.4891

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.1510, 24.5756, 4.2526 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, 133, 195)` looks like.

```
.text, #text, p{  
    color:rgb(150, 133, 195)  
}
```

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, 133, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 133, 195) }
```

Border

The CSS property to change the border of an element to YUV 145.1510, 24.5756, 4.2526 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, 133, 195) }
```


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

```
.border{ border-color:rgb(150, 133, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 133, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 133, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 133, 195);  
box-shadow:4px 4px 4px 4px rgb(150, 133,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 145.1510, 24.5756, 4.2526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 133, 195) }
```

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

```
.background{ background-color: rgb(150,  
133, 195) }
```

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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