

Converting Colors

YUV(145.4190, 18.0344, 2.2635)

Have a look what the booklet for
YUV(145.4190, 18.0344, 2.2635)
contains.

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Color

**YUV(145.4190, 18.0344,
2.2635)**

Conversions

Conversions Part 1

Format	Color
Hex	9489B6
RGB	148, 137, 182
RGB Percent	58%, 54%, 71%
CMY	0.4196, 0.4627, 0.2863
CMYK	0.19, 0.25, 0.00, 0.29
HSL	255°, 24%, 63%
HSV	255°, 25%, 71%
XYZ	29.6019, 27.5646, 48.0163
YIQ	145.4190, -7.8890, 16.3270

Conversions

Conversions Part 2

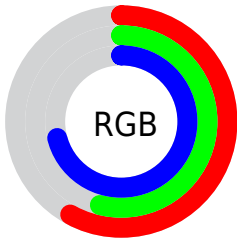
Format	Color
R_{YB}	148, 137, 182
Decimal	9734582
CIE _{Lab}	59.49, 13.52, -22.07
CIE _{LCh}	59, 25.882, 301.486
Yxy	27.5646, 0.2814, 0.2621
Android (android.graphics.Color)	4287924662 (0xFF9489B6)
YUV	145.4190, 18.0344, 2.2635
Hunter-Lab	52.5020, 8.7641, -17.4729

Details

The YUV color $145.4190, 18.0344, 2.2635$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $173.5810, -18.0344, -2.2635$, and the grayscale version is $145.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $199.3590, 19.0500, 3.1932$, and $94.7780, 16.8714, 1.9487$ is the 20% darker color. If you saturate the color by 10%, you get $130.6670, 25.3072, 2.9230$, and if you desaturate by 10%, it is $160.1710, 10.7617, 1.6040$.

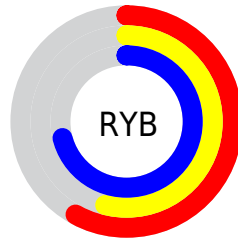
Distribution



Red (58%)

Green (54%)

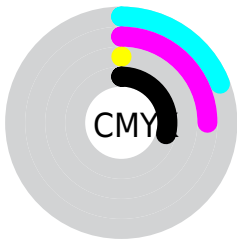
Blue (71%)



Red (58%)

Yellow (54%)

Blue (71%)

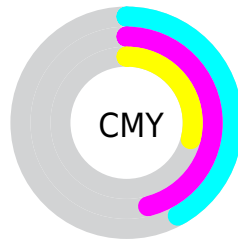


Cyan (19%)

Magenta (25%)

Yellow (0%)

Black (29%)



Cyan (42%)

Magenta (46%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.4190, 18.0344, 2.2635 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 145.4190, 18.0344, 2.2635 by changing the saturation by 10% instead.

■ 145.4190, 18.0344,
2.2635

■ 145.4190, 18.0344,
2.2635

■ 255.0000, 0.0000,
0.0000

■ 119.8920, 17.3082,
1.8487

■ 199.3590, 19.0500,
3.1932

■ 94.7780, 16.8714,
1.9487

■ 226.1050, 14.2452,
4.2929

■ 70.9520, 16.2927,
0.9191

■ 250.3040, 2.3151,
4.1184

■ 48.3110, 15.1297,
0.6043

■ 26.4850, 14.5509,
-0.4253

■ 5.1860, 14.6983,
-1.0401

■ 1.1400, 4.3680,

-0.9998

■ 0.0000, 0.0000,
0.0000

■ 145.4190, 18.0344,
2.2635

■ 145.4190, 18.0344,
2.2635

■ 130.6670, 25.3072,
2.9230

■ 160.1710, 10.7617,
1.6040

■ 115.9150, 32.5799,
3.5825

■ 174.9230, 3.4890,
0.9445

■ 100.8750, 39.9946,
5.3716

■ 189.9630, -3.9258,
-0.8446

■ 86.1230, 47.2674,
6.0311

■ 204.7150,
-11.1985, -1.5041

■ 71.3710, 54.5401,
6.6906

■ 219.4670,
-18.4712, -2.1636

■ 56.6190, 61.8128,
7.3501

■ 234.2190,
-25.7440, -2.8231

■ 42.1660, 68.9382,
8.6244

■ 243.3890,
-30.2648, 0.5358

■ 33.9040, 73.0113,
8.8542

■ 246.6780,
-31.8863, 7.2984

Harmonies

Analogous

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



140.9320, 23.2045, -22.7424



145.4190, 18.0344, 2.2635



146.8470, 8.9494, 22.9362

Triad

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



145.4190, 18.0344, 2.2635



143.4370, -19.4424, 29.4348



132.8050, 5.5191, -43.6790

Complementary

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



145.4190, 18.0344, 2.2635



173.5810, -18.0344, -2.2635

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.



136.1850, -7.4862, -25.5952



145.4190, 18.0344, 2.2635



141.7680, -21.5776, 14.2355

Square

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



145.4190, 18.0344, 2.2635



145.1420, -11.9020, 37.5865



139.3850, -17.4448, -4.7226



131.1380, 17.1870, -52.7410

Rectangle

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



145.4190, 18.0344, 2.2635



146.7790, 2.0810, 32.6428



139.3850, -17.4448, -4.7226



133.6980, 1.1349, -37.4461

Sweetspot

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



145.4190, 18.0344, 2.2635



224.0200, 6.3991, 0.8595



162.6750, 9.5272, -22.5170



112.0370, 3.9258, 0.8446



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



145.4190, 18.0344, 2.2635



179.1770, 28.5067, 3.3528



151.9970, 14.7915, 15.7886



84.6240, 3.6364, 0.3298



29.1460, 62.5390, 7.7650



5.2850, 11.1985, 1.5041

Inverse Universe

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



154.3310, 8.2178, 24.2657



193.3850, 13.1212, 38.2504



167.0030, -14.7915, -15.7886



86.4890, 1.7309, 4.8331



60.0960, 28.5467, 84.1078



10.7660, 5.0454, 15.1142

Previews

White Background



This preview shows how the YUV color 145.4190, 18.0344, 2.2635 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 145.4190, 18.0344, 2.2635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

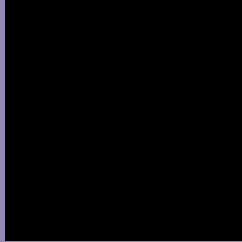
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 145.4190, 18.0344, 2.2635

Background



This preview shows how black text looks on a background with the YUV color 145.4190, 18.0344, 2.2635.



This preview shows how white text looks on a background with the YUV color 145.4190, 18.0344, 2.2635.

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

145.4190, 18.0344, 2.2635

Protanopia

143.9120, 20.2564, -10.4468

Deuteranopia

144.3640, 18.0615, -6.4582



Tritanopia

143.5530, 4.6574, -0.4850

Trichromacy



Original Color

145.4190, 18.0344, 2.2635

Protanomaly

144.4180, 19.5139, -5.6286

Deuteranomaly

144.9730, 17.7613, -3.4843

Tritanomaly

144.2310, 9.7461, 0.6744

Monochromacy



Original Color

145.4190, 18.0344, 2.2635

Achromatopsia

145.0000, 0.0000, 0.0000

Achromatomaly

145.0200, 6.3991, 0.8595

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.4190, 18.0344, 2.2635 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(148, 137, 182)` looks like.

```
.text, #text, p{  
    color:rgb(148, 137, 182)  
}
```

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(148, 137, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 137, 182) }
```

Border

The CSS property to change the border of an element to YUV 145.4190, 18.0344, 2.2635 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(148, 137, 182) }
```


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

```
.border{ border-color:rgb(148, 137, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 137, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 137, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 137, 182);  
box-shadow:4px 4px 4px 4px rgb(148, 137,  
182) }
```

Background

The CSS property to change the background color of an element to YUV 145.4190, 18.0344, 2.2635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 137, 182) }
```

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

```
.background{ background-color: rgb(148,  
137, 182) }
```

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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