

Converting Colors

YUV(146.0290, 19.2127,
-49.1374)

Have a look what the booklet for
YUV(146.0290, 19.2127, -49.1374)
contains.

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Color

**YUV(146.0290, 19.2127,
-49.1374)**

Conversions

Conversions Part 1

Format	Color
Hex	5AA7B9
RGB	90, 167, 185
RGB Percent	35%, 65%, 73%
CMY	0.6471, 0.3451, 0.2745
CMYK	0.51, 0.10, 0.00, 0.27
HSL	191°, 40%, 54%
HSV	191°, 51%, 73%
XYZ	26.7921, 33.3139, 50.9171
YIQ	146.0290, -51.6700, -10.7260

Conversions

Conversions Part 2

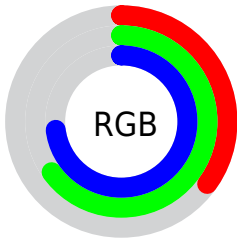
Format	Color
RYB	90, 133, 185
Decimal	5941177
CIELab	64.41, -18.77, -16.59
CIElCh	64, 25.056, 221.469
Yxy	33.3139, 0.2413, 0.3001
Android (android.graphics.Color)	4284131257 (0xFF5AA7B9)
YUV	146.0290, 19.2127, -49.1374
Hunter-Lab	57.7182, -18.1491, -11.9010

Details

The YUV color **146.0290, 19.2127, -49.1374** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **128.9710, -19.2127, 49.1374**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.4420, 19.5021, -48.6226**, and **90.6260, 20.3974, -55.8000** is the 20% darker color. If you saturate the color by 10%, you get **138.2990, 23.0236, -58.1442**, and if you desaturate by 10%, it is **154.0580, 15.2544, -39.5159**.

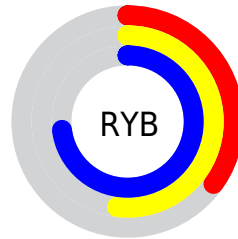
Distribution



Red (35%)

Green (65%)

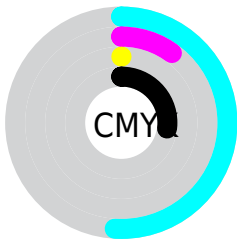
Blue (73%)



Red (35%)

Yellow (52%)

Blue (73%)

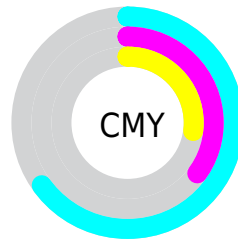


Cyan (51%)

Magenta (10%)

Yellow (0%)

Black (27%)



Cyan (65%)

Magenta (35%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.0290, 19.2127, -49.1374 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 146.0290, 19.2127, -49.1374 by changing the saturation by 10% instead.

■ 146.0290, 19.2127,
-49.1374

■ 146.0290, 19.2127,
-49.1374

■ 255.0000, 0.0000,
0.0000

■ 119.0180, 19.2181,
-50.8818

■ 201.4420, 19.5021,
-48.6226

■ 90.6260, 20.3974,
-55.8000

■ 228.7320, 12.9501,
-47.1230

■ 65.0280, 20.6922,
-57.0296

■ 239.4520, 7.6652,
-31.9684

■ 48.0900, 16.7176,
-42.1749

■ 248.4220, 3.2430,
-13.5251

■ 32.5540, 13.0379,
-28.5499

■ 19.0070, 9.3635,
-16.6691

■ 2.4110, 6.6994,

-2.1144

■ 0.0000, 0.0000,
0.0000

■ 146.0290, 19.2127,
-49.1374

■ 146.0290, 19.2127,
-49.1374

■ 138.2990, 23.0236,
-58.1442

■ 154.0580, 15.2544,
-39.5159

■ 130.8570, 26.6925,
-68.2806

■ 161.2010, 11.7329,
-29.9943

■ 123.1270, 30.5034,
-77.2874

■ 169.2300, 7.7746,
-20.3727

■ 115.6850, 34.1723,
-87.4237

■ 176.3730, 4.2531,
-10.8511

■ 109.1400, 37.3990,
-95.7158

■ 184.4020, 0.2948,
-1.2296

■ 191.5450, -3.2267,
8.2920

■ 199.5740, -7.1850,
17.9136

■ 206.7170,
-10.7065, 27.4352

■ 214.1480,
-14.3700, 35.8272

Harmonies

Analogous

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



145.7060, 9.0189, -46.2232



146.0290, 19.2127, -49.1374



150.2570, 23.5373, -36.1824

Triad

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



146.0290, 19.2127, -49.1374



159.6690, 5.5862, 28.3543



154.5500, -20.9771, 8.2877

Complementary

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



146.0290, 19.2127, -49.1374



128.9710, -19.2127, 49.1374

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.



156.3610, -20.8840, 25.1164



146.0290, 19.2127, -49.1374



159.1510, -5.4974, 36.7016

Square

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



146.0290, 19.2127, -49.1374



158.7790, 15.3920, 9.8408



157.7350, -14.6594, 35.3124



151.7370, -14.6603, -11.1703

Rectangle

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



146.0290, 19.2127, -49.1374



154.4160, 22.4729, -21.4128



157.7350, -14.6594, 35.3124



154.7680, -21.5776, 14.2355

Sweetspot

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



146.0290, 19.2127, -49.1374



225.1270, 7.3324, -18.5284



147.7030, -20.0666, -50.6055



111.0740, 4.4005, -11.4659



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.



146.0290, 19.2127, -49.1374



179.0130, 30.0666, -77.1874



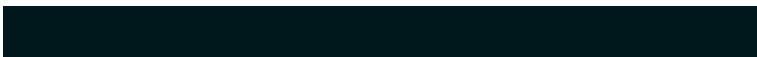
118.4400, 32.8141, -24.9419



88.1350, 1.9054, -4.5034



91.7460, 31.6772, -80.4612



16.6930, 5.5744, -14.6398

Inverse Universe

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



127.1830, 19.6298, 50.7055



149.3450, 30.8889, 79.5044



156.5600, -32.8141, 24.9419



86.4890, 1.7309, 4.8331



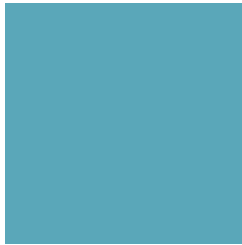
61.0080, 32.0411, 83.3080



10.9940, 5.9190, 14.9143

Previews

White Background



This preview shows how the YUV color 146.0290, 19.2127, -49.1374 looks on a white 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

Black Background



This preview shows how the YUV color 146.0290, 19.2127, -49.1374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

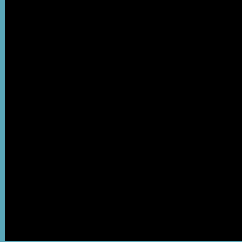
Any Text WCAG AA ✓ Pass

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 146.0290, 19.2127, -49.1374 Background



This preview shows how black text looks on a background with the YUV color 146.0290, 19.2127, -49.1374.



This preview shows how white text looks on a background with the YUV color 146.0290, 19.2127, -49.1374.

-49.1374.

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

146.0290, 19.2127, -49.1374

Protanopia

156.0240, 10.3412, -3.5290

Deuteranopia

156.7020, 15.4299, -2.3697



Tritanopia

145.8610, 17.3235, -49.8671

Trichromacy



Original Color

146.0290, 19.2127, -49.1374

Protanomaly

152.4240, 13.5950, -20.5428

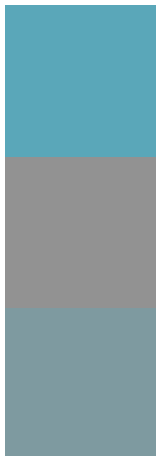
Deuteranomaly

152.6460, 16.9365, -18.9835

Tritanomaly

145.9750, 17.7603, -49.9671

Monochromacy



Original Color

146.0290, 19.2127, -49.1374

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

146.3120, 6.7482, -17.8136

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.0290, 19.2127, -49.1374 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(90, 167, 185)` looks like.

```
.text, #text, p{  
    color:rgb(90, 167, 185)  
}
```

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(90, 167, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 167, 185) }
```

Border

The CSS property to change the border of an element to YUV 146.0290, 19.2127, -49.1374 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(90, 167, 185) }
```


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

```
.border{ border-color:rgb(90, 167, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 167, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 167, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 167, 185);  
box-shadow:4px 4px 4px 4px rgb(90, 167,  
185) }
```

Background

The CSS property to change the background color of an element to YUV 146.0290, 19.2127, -49.1374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 167, 185) }
```

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

```
.background{ background-color: rgb(90, 167,  
185) }
```

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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