

Converting Colors

YUV(220.1940, 12.2294,
-49.2821)

Have a look what the booklet for
YUV(220.1940, 12.2294, -49.2821)
contains.

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Color

**YUV(220.1940, 12.2294,
-49.2821)**

Conversions

Conversions Part 1

Format	Color
Hex	A4F4F5
RGB	164, 244, 245
RGB Percent	64%, 96%, 96%
CMY	0.3569, 0.0431, 0.0392
CMYK	0.33, 0.00, 0.00, 0.04
HSL	181°, 80%, 80%
HSV	181°, 33%, 96%
XYZ	64.1420, 79.1865, 98.2901
YIQ	220.1940, -48.0010, -16.6490

Conversions

Conversions Part 2

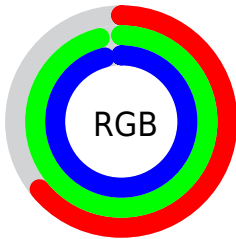
Format	Color
RYB	164, 204, 245
Decimal	10810613
CIELab	91.32, -24.01, -8.26
CIElCh	91, 25.392, 198.983
Yxy	79.1865, 0.2655, 0.3277
Android (android.graphics.Color)	4289000693 (0xFFA4F4F5)
YUV	220.1940, 12.2294, -49.2821
Hunter-Lab	88.9868, -27.0635, -3.1979

Details

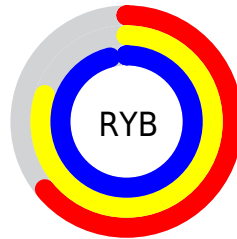
The YUV color **220.1940, 12.2294, -49.2821** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **188.8060, -12.2294, 49.2821**, and the grayscale version is **220.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **244.8340, 5.0118, -20.9024**, and **164.1940, 12.2294, -49.2821** is the 20% darker color. If you saturate the color by 10%, you get **212.7190, 15.9145, -64.6516**, and if you desaturate by 10%, it is **227.6690, 8.5442, -33.9127**.

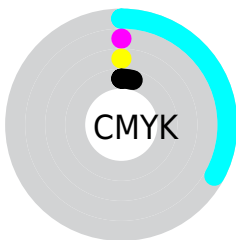
Distribution



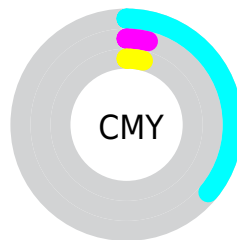
- Red (64%)
- Green (96%)
- Blue (96%)



- Red (64%)
- Yellow (80%)
- Blue (96%)



- Cyan (33%)
- Magenta (0%)
- Yellow (0%)
- Black (4%)



- Cyan (36%)
- Magenta (4%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 220.1940, 12.2294, -49.2821 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 220.1940, 12.2294, -49.2821 by changing the saturation by 10% instead.

220.1940, 12.2294,
-49.2821

220.1940, 12.2294,
-49.2821

255.0000, 0.0000,
0.0000

191.6070, 12.5187,
-48.7673

244.8340, 5.0118,
-20.9024

164.1940, 12.2294,
-49.2821

253.8040, 0.5896,
-2.4591

136.3080, 12.6662,
-49.3821

109.7100, 12.9610,
-50.6117

81.0080, 14.2931,
-57.8890

59.1120, 13.2558,
-51.8412

42.4020, 10.1548,

-37.1866

■ 26.9800, 6.9119,
-23.6615

■ 8.2640, 6.2788,
-7.2475

■ 220.1940, 12.2294,
-49.2821

■ 220.1940, 12.2294,
-49.2821

■ 212.7190, 15.9145,
-64.6516

■ 227.6690, 8.5442,
-33.9127

■ 204.9560, 19.7417,
-78.8914

■ 235.4320, 4.7170,
-19.6729

■ 197.7800, 23.2795,
-93.6461

■ 242.9070, 1.0318,
-4.3034

■ 190.3050, 26.9646,
-109.0155

■ 247.9900, -1.4741,
6.1478

■ 182.5420, 30.7918,
-123.2553

■ 248.5770, -1.7635,
5.6330

■ 175.0670, 34.4770,
-138.6248

■ 249.1640, -2.0529,
5.1182

■ 169.9840, 36.9829,
-149.0760

Harmonies

Analogous

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



221.8290, -0.9017, -37.5610



220.1940, 12.2294, -49.2821



220.7690, 16.8759, -46.2784

Triad

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



220.1940, 12.2294, -49.2821



233.2700, 10.7129, 17.3032



229.1820, -22.7677, 22.6424

Complementary

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



220.1940, 12.2294, -49.2821



188.8060, -12.2294, 49.2821

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.



226.3270, -15.9372, 25.1462



220.1940, 12.2294, -49.2821



229.2230, 5.3131, 22.6064

Square

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



220.1940, 12.2294, -49.2821



228.9960, 12.8200, -5.2585



225.7860, -5.3175, 25.6207



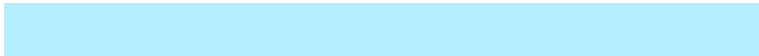
227.1150, -21.2557, 4.2841

Rectangle

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



220.1940, 12.2294, -49.2821



222.3080, 16.1172, -36.2271



225.7860, -5.3175, 25.6207



228.2360, -21.3153, 23.4720

Sweetspot

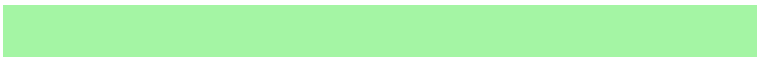
The Sweet Spot groups the original color and five complimentary colors.



220.1940, 12.2294, -49.2821



247.5250, 3.6852, -15.3694



211.5470, -23.4407, -41.6987



122.6290, 2.6479, -9.3216



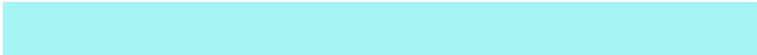
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



220.1940, 12.2294, -49.2821



223.9150, 15.3249, -62.1925



197.3010, 23.5156, -29.2050



118.4120, 1.7689, -7.3773



129.2120, 27.9965, -113.3189



40.7720, 8.9864, -35.7570

Inverse Universe

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



197.3390, 23.0039, 41.7987



195.0120, 29.0811, 52.6095



212.2860, -23.8050, 28.6902



114.9560, 3.4727, 6.1776



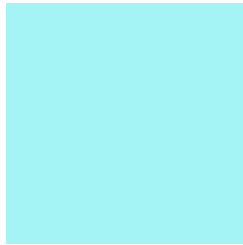
76.5900, 52.9531, 95.9526



24.2530, 16.6373, 30.4731

Previews

White Background



This preview shows how the YUV color 220.1940, 12.2294, -49.2821 looks on a white background.

Color Contrast Check

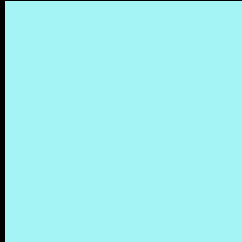
Large Text (above 18pt) WCAG AA × Fail

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 220.1940, 12.2294, -49.2821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

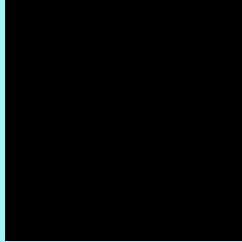
Any Text WCAG AA ✓ Pass

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 220.1940, 12.2294, -49.2821 Background



This preview shows how black text looks on a background with the YUV color 220.1940, 12.2294, -49.2821.



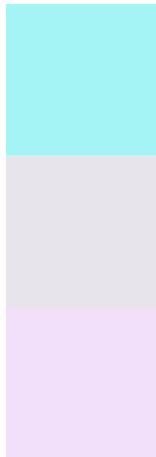
This preview shows how white text looks on a background with the YUV color 220.1940, 12.2294, -49.2821.

-49.2821.

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

220.1940, 12.2294, -49.2821

Protanopia

229.6950, 2.6154, 1.1445

Deuteranopia

231.6450, 8.5560, 9.0813



Tritanopia

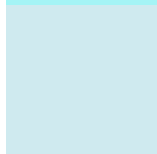
223.7810, 15.3910, -36.6419

Trichromacy



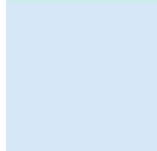
Original Color

220.1940, 12.2294, -49.2821



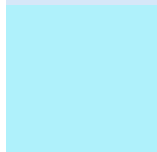
Protanomaly

226.4970, 6.1640, -17.0989



Deuteranomaly

227.8550, 9.9315, -12.1508



Tritanomaly

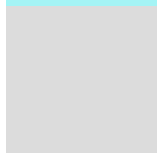
222.4060, 14.0968, -41.5751

Monochromacy



Original Color

220.1940, 12.2294, -49.2821



Achromatopsia

220.0000, 0.0000, 0.0000



Achromatomaly

220.3290, 4.2748, -17.8285

CSS Examples

Text

The CSS property to change the color of the text to YUV 220.1940, 12.2294, -49.2821 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(164, 244, 245)` looks like.

```
.text, #text, p{  
    color:rgb(164, 244, 245)  
}
```

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(164, 244, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 244, 245) }
```

Border

The CSS property to change the border of an element to YUV 220.1940, 12.2294, -49.2821 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(164, 244, 245) }
```


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

```
.border{ border-color:rgb(164, 244, 245) }
```

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

Here you see how a box with a 4 pixel rgb(164, 244, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 244, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 244, 245);  
box-shadow:4px 4px 4px 4px rgb(164, 244,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 220.1940, 12.2294, -49.2821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 244, 245) }
```

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

```
.background{ background-color: rgb(164,  
244, 245) }
```

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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