

Converting Colors

YUV(196.6290, -4.2541,
-35.6316)

Have a look what the booklet for
YUV(196.6290, -4.2541, -35.6316)
contains.

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Color

**YUV(196.6290, -4.2541,
-35.6316)**

Conversions

Conversions Part 1

Format	Color
Hex	9CDBBC
RGB	156, 219, 188
RGB Percent	61%, 86%, 74%
CMY	0.3882, 0.1412, 0.2627
CMYK	0.29, 0.00, 0.14, 0.14
HSL	150°, 47%, 74%
HSV	150°, 29%, 86%
XYZ	48.1189, 61.3618, 56.8848
YIQ	196.6290, -27.5970, -22.9970

Conversions

Conversions Part 2

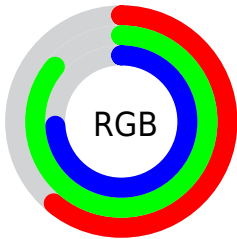
Format	Color
RYB	156, 198, 219
Decimal	10279868
CIELab	82.57, -26.38, 8.87
CIELCh	83, 27.834, 161.411
Yxy	61.3618, 0.2892, 0.3688
Android (android.graphics.Color)	4288469948 (0xFF9CDBBC)
YUV	196.6290, -4.2541, -35.6316
Hunter-Lab	78.3338, -27.4350, 11.7781

Details

The YUV color $196.6290, -4.2541, -35.6316$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $178.3710, 4.2541, 35.6316$, and the grayscale version is $197.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $240.8890, 1.5337, -25.3357$, and $142.4550, -3.6753, -34.6020$ is the 20% darker color. If you saturate the color by 10%, you get $188.7970, -5.8159, -48.0570$, and if you desaturate by 10%, it is $204.4610, -2.6923, -23.2063$.

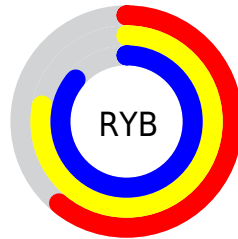
Distribution



Red (61%)

Green (86%)

Blue (74%)



Red (61%)

Yellow (78%)

Blue (86%)

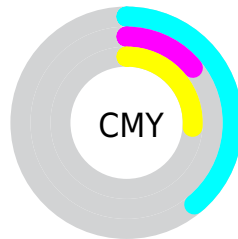


Cyan (29%)

Magenta (0%)

Yellow (14%)

Black (14%)



Cyan (39%)

Magenta (14%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.6290, -4.2541, -35.6316 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 196.6290, -4.2541, -35.6316 by changing the saturation by 10% instead.

 196.6290, -4.2541,
-35.6316


 196.6290, -4.2541,
-35.6316

255.0000, 0.0000,
0.0000


 169.0420, -3.9647,
-35.1168


 240.8890, 1.5337,
-25.3357


 142.4550, -3.6753,
-34.6020

 250.8140, 2.0637,
-8.6069

 115.8680, -3.3859,
-34.0872

 90.9820, -2.9491,
-34.1872

 65.6120, -1.7807,
-35.6167

 41.5410, -0.7597,
-36.4315

 26.3470, -3.1291,

-23.1063

■ 9.3920, -4.6303,
-8.2368

■ 0.0000, 0.0000,
0.0000

■ 196.6290, -4.2541,
-35.6316

■ 196.6290, -4.2541,
-35.6316

■ 188.7970, -5.8159,
-48.0570

■ 204.4610, -2.6923,
-23.2063

■ 180.9650, -7.3777,
-60.4823

■ 212.2930, -1.1304,
-10.7810

■ 173.2470, -8.5028,
-73.0076

■ 220.0110, -0.0054,
1.7444

■ 165.4150,
-10.0646, -85.4330

■ 227.8430, 1.5564,
14.1697

■ 157.8820,
-11.7738, -97.2435

■ 232.3860, 4.7397,
19.8325

■ 150.0500,
-13.3356, -109.6688

■ 233.6400, 9.5445,
18.7327

■ 142.3320,
-14.4607, -122.1942

■ 233.8680, 10.4181,
18.5328

■ 141.2070,
-14.8921, -123.8385

Harmonies

Analogous

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



199.8570, -16.6915, -13.0296



196.6290, -4.2541, -35.6316



193.7160, 10.4930, -52.3709

Triad

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



196.6290, -4.2541, -35.6316



205.0300, 24.6352, -14.9353



207.9700, -17.7332, 41.2453

Complementary

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



196.6290, -4.2541, -35.6316



178.3710, 4.2541, 35.6316

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.



208.3580, -6.0925, 40.9050



196.6290, -4.2541, -35.6316



208.7730, 17.8599, 11.6001

Square

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



196.6290, -4.2541, -35.6316



199.7340, 26.7531, -40.9857



210.2180, 6.3015, 32.2578



205.5850, -23.9524, 29.3050

Rectangle

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



196.6290, -4.2541, -35.6316



193.5720, 18.9450, -56.6296



210.2180, 6.3015, 32.2578



207.5940, -14.0968, 41.5751

Sweetspot

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



196.6290, -4.2541, -35.6316



246.8690, -1.4144, -13.0401



202.5490, -22.9487, -12.7595



122.7170, -0.8465, -8.5218



0.0000, 0.0000, 0.0000



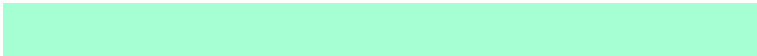
128.0000, 0.0000, 0.0000

Same Dimension

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



196.6290, -4.2541, -35.6316



223.3730, -6.0999, -50.3161



200.1630, 9.2866, -38.7310



106.0270, -0.9993, -6.1627



111.5830, -11.6264, -97.8583



29.6240, -3.2656, -25.9802

Inverse Universe

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



178.3710, 4.2541, 35.6316



197.6270, 6.0999, 50.3161



174.8370, -9.2866, 38.7310



102.8590, 0.5625, 6.2627



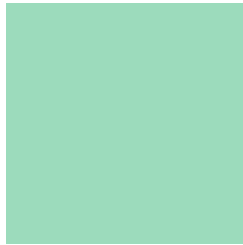
61.4170, 11.6264, 97.8583



16.3760, 3.2656, 25.9802

Previews

White Background



This preview shows how the YUV color 196.6290, -4.2541, -35.6316 looks on a white background.

Color Contrast Check

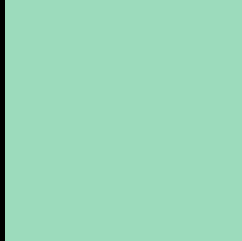
Large Text (above 18pt) WCAG AA × Fail

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 196.6290, -4.2541, -35.6316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

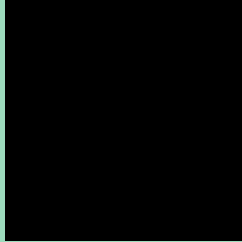
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 196.6290, -4.2541, -35.6316

Background



This preview shows how black text looks on a background with the YUV color 196.6290, -4.2541, -35.6316.



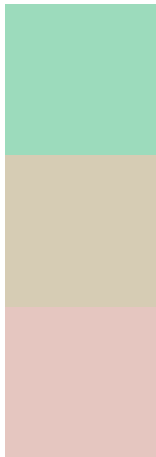
This preview shows how white text looks on a background with the YUV color 196.6290, -4.2541, -35.6316.

-35.6316.

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

196.6290, -4.2541, -35.6316

Protanopia

204.2540, -11.9572, 8.5472

Deuteranopia

206.5850, -7.1904, 19.6580



Tritanopia

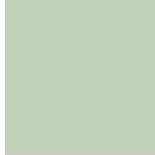
200.5860, 14.5011, -31.2089

Trichromacy



Original Color

196.6290, -4.2541, -35.6316



Protanomaly

201.2520, -8.9982, -7.2370



Deuteranomaly

203.0940, -5.9623, -0.9594



Tritanomaly

199.1530, 7.8126, -32.5832

Monochromacy



Original Color

196.6290, -4.2541, -35.6316



Achromatopsia

197.0000, 0.0000, 0.0000



Achromatomaly

196.8690, -1.4144, -13.0401

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.6290, -4.2541, -35.6316 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(156, 219, 188)` looks like.

```
.text, #text, p{  
    color:rgb(156, 219, 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(156, 219, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 219, 188) }
```

Border

The CSS property to change the border of an element to YUV 196.6290, -4.2541, -35.6316 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(156, 219, 188) }
```


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

```
.border{ border-color:rgb(156, 219, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 219, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 219, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 219, 188);  
box-shadow:4px 4px 4px 4px rgb(156, 219,  
188) }
```

Background

The CSS property to change the background color of an element to YUV 196.6290, -4.2541, -35.6316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 219, 188) }
```

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

```
.background{ background-color: rgb(156,  
219, 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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