

Converting Colors

YUV(199.6040, 3.6462,
-49.6417)

Have a look what the booklet for
YUV(199.6040, 3.6462, -49.6417)
contains.

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Color

**YUV(199.6040, 3.6462,
-49.6417)**

Conversions

Conversions Part 1

Format	Color
Hex	8FE3CF
RGB	143, 227, 207
RGB Percent	56%, 89%, 81%
CMY	0.4392, 0.1098, 0.1882
CMYK	0.37, 0.00, 0.09, 0.11
HSL	166°, 60%, 73%
HSV	166°, 37%, 89%
XYZ	50.0593, 65.2828, 68.9939
YIQ	199.6040, -43.6440, -24.0280

Conversions

Conversions Part 2

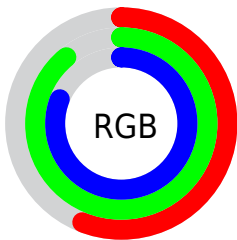
Format	Color
RYB	143, 191, 227
Decimal	9429967
CIELab	84.63, -29.96, 1.72
CIELCh	85, 30.009, 176.722
Yxy	65.2828, 0.2716, 0.3542
Android (android.graphics.Color)	4287620047 (0xFF8FE3CF)
YUV	199.6040, 3.6462, -49.6417
Hunter-Lab	80.7978, -30.8042, 5.9302

Details

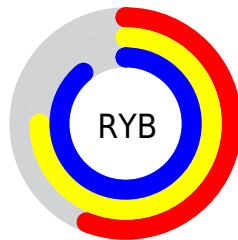
The YUV color $199.6040, 3.6462, -49.6417$ is a light color, and the websafe version is hex $66CCCC$. A complement of this color would be $170.3960, -3.6462, 49.6417$, and the grayscale version is $200.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $238.5550, 8.1074, -33.8127$, and $144.1310, 4.3724, -49.2269$ is the 20% darker color. If you saturate the color by 10%, you get $192.1570, 4.8526, -63.2817$, and if you desaturate by 10%, it is $207.0510, 2.4399, -36.0017$.

Distribution



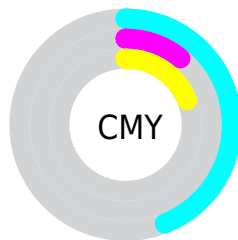
- Red (56%)
- Green (89%)
- Blue (81%)



- Red (56%)
- Yellow (75%)
- Blue (89%)



- Cyan (37%)
- Magenta (0%)
- Yellow (9%)
- Black (11%)



- Cyan (44%)
- Magenta (11%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.6040, 3.6462, -49.6417 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 199.6040, 3.6462, -49.6417 by changing the saturation by 10% instead.


 199.6040, 3.6462,
-49.6417


 199.6040, 3.6462,
-49.6417

255.0000, 0.0000,
0.0000


 171.6040, 3.6462,
-49.6417


 238.5550, 8.1074,
-33.8127


 144.1310, 4.3724,
-49.2269

 247.2260, 3.8326,
-15.9842

 116.9460, 4.9566,
-49.9416

 89.5650, 6.1305,
-53.1155

 63.4830, 7.1569,
-55.6746

 46.7730, 4.0559,
-41.0199

 30.8780, 1.5391,

-27.0800

■ 16.0430, -1.9932,
-14.0697

■ 0.0000, 0.0000,
0.0000

■ 199.6040, 3.6462,
-49.6417

■ 199.6040, 3.6462,
-49.6417

■ 192.1570, 4.8526,
-63.2817

■ 207.0510, 2.4399,
-36.0017

■ 184.8950, 5.4748,
-76.2069

■ 214.3130, 1.8177,
-23.0765

■ 177.4480, 6.6811,
-89.8469

■ 221.7600, 0.6113,
-9.4365

■ 169.8870, 7.4507,
-103.3869

■ 229.3210, -0.1583,
4.1035

■ 162.7390, 8.5097,
-116.4121

■ 236.1700, -1.0698,
16.5139

■ 155.2920, 9.7160,
-130.0521

■ 236.7400, 1.1142,
16.0140

■ 152.9710, 9.8743,
-134.1556

■ 237.4240, 3.7350,
15.4142

■ 237.9940, 5.9190,
14.9143

■ 238.5640, 8.1029,
14.4144

Harmonies

Analogous

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



203.6210, -12.1382, -26.8546



199.6040, 3.6462, -49.6417



198.1260, 18.6719, -62.3775

Triad

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



199.6040, 3.6462, -49.6417



212.7930, 20.8081, -0.6955



211.8680, -23.1059, 37.8268

Complementary

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



199.6040, 3.6462, -49.6417



170.3960, -3.6462, 49.6417

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.



210.2670, -11.4706, 39.2308



199.6040, 3.6462, -49.6417



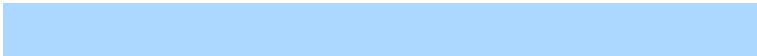
216.0090, 13.3066, 25.4251

Square

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



199.6040, 3.6462, -49.6417



206.7030, 23.8104, -30.4345



212.8720, 1.0491, 36.9463



210.0310, -27.1303, 21.8978

Rectangle

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



199.6040, 3.6462, -49.6417



199.3850, 25.9392, -59.9736



212.8720, 1.0491, 36.9463



210.7910, -19.6170, 38.7713

Sweetspot

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



199.6040, 3.6462, -49.6417



245.8300, 1.0698, -16.5139



198.5870, -27.4044, -30.3328



122.4610, 0.7587, -10.0513



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.



199.6040, 3.6462, -49.6417



218.4340, 4.7160, -66.1556



189.5570, 18.4594, -40.8305



111.0700, 0.4585, -7.0774



120.5770, 7.6035, -105.7460



34.3830, 2.2762, -30.1539

Inverse Universe

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



170.3960, -3.6462, 49.6417



179.5660, -4.7160, 66.1556



180.4430, -18.4594, 40.8305



106.9300, -0.4585, 7.0774



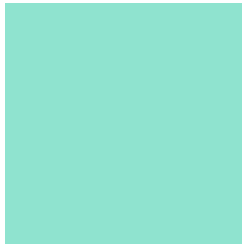
58.4230, -7.6035, 105.7460



16.6170, -2.2762, 30.1539

Previews

White Background



This preview shows how the YUV color 199.6040, 3.6462, -49.6417 looks on a white background.

Color Contrast Check

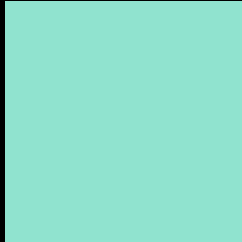
Large Text (above 18pt) WCAG AA × Fail

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 199.6040, 3.6462, -49.6417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

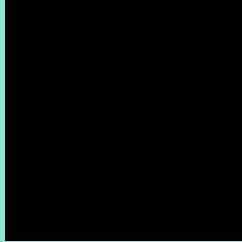
Any Text WCAG AA ✓ Pass

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 199.6040, 3.6462, -49.6417 Background



This preview shows how black text looks on a background with the YUV color 199.6040, 3.6462, -49.6417.



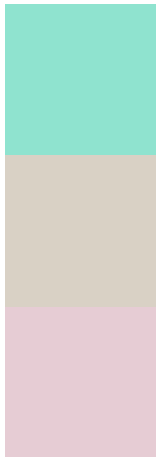
This preview shows how white text looks on a background with the YUV color 199.6040, 3.6462, -49.6417.

-49.6417.

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

199.6040, 3.6462, -49.6417

Protanopia

210.0240, -6.4208, 6.1180

Deuteranopia

212.6860, -0.3382, 15.1844



Tritanopia

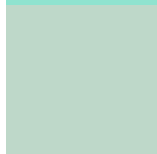
202.8230, 18.3283, -45.4488

Trichromacy



Original Color

199.6040, 3.6462, -49.6417



Protanomaly

206.5160, -2.7194, -14.4845



Deuteranomaly

207.5860, 1.1901, -8.4069



Tritanomaly

201.7320, 12.9501, -47.1230

Monochromacy



Original Color

199.6040, 3.6462, -49.6417



Achromatopsia

200.0000, 0.0000, 0.0000



Achromatomaly

199.9330, 1.5120, -18.3582

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.6040, 3.6462, -49.6417 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(143, 227, 207)` looks like.

```
.text, #text, p{  
    color:rgb(143, 227, 207)  
}
```

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(143, 227, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 227, 207) }
```

Border

The CSS property to change the border of an element to YUV 199.6040, 3.6462, -49.6417 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(143, 227, 207) }
```


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

```
.border{ border-color:rgb(143, 227, 207) }
```

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

Here you see how a box with a 4 pixel rgb(143, 227, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 227, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 227, 207);  
box-shadow:4px 4px 4px 4px rgb(143, 227,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 199.6040, 3.6462, -49.6417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 227, 207) }
```

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

```
.background{ background-color: rgb(143,  
227, 207) }
```

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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