

Converting Colors

YUV(197.0510, 19.2019,
-45.6487)

Have a look what the booklet for
YUV(197.0510, 19.2019, -45.6487)
contains.

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Color

**YUV(197.0510, 19.2019,
-45.6487)**

Conversions

Conversions Part 1

Format	Color
Hex	91D8EC
RGB	145, 216, 236
RGB Percent	57%, 85%, 93%
CMY	0.4314, 0.1529, 0.0745
CMYK	0.39, 0.08, 0.00, 0.07
HSL	193°, 71%, 75%
HSV	193°, 39%, 93%
XYZ	51.3732, 61.1876, 88.4596
YIQ	197.0510, -48.7360, -8.8320

Conversions

Conversions Part 2

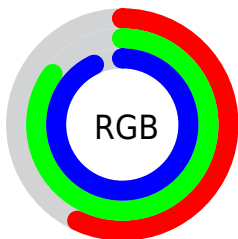
Format	Color
RYB	145, 185, 236
Decimal	9558252
CIELab	82.48, -17.19, -16.83
CIELCh	82, 24.057, 224.388
Yxy	61.1876, 0.2556, 0.3044
Android (android.graphics.Color)	4287748332 (0xFF91D8EC)
YUV	197.0510, 19.2019, -45.6487
Hunter-Lab	78.2225, -19.6581, -12.2936

Details

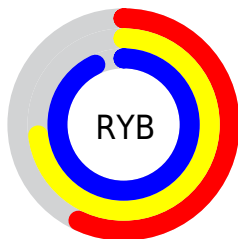
The YUV color **197.0510, 19.2019, -45.6487** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **183.9490, -19.2019, 45.6487**, and the grayscale version is **197.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.1530, 7.8126, -32.5832**, and **141.6380, 18.9125, -46.1635** is the 20% darker color. If you saturate the color by 10%, you get **186.9400, 24.1866, -57.8294**, and if you desaturate by 10%, it is **207.1620, 14.2171, -33.4681**.

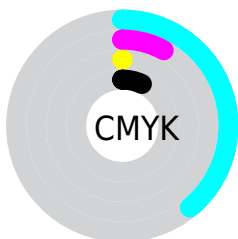
Distribution



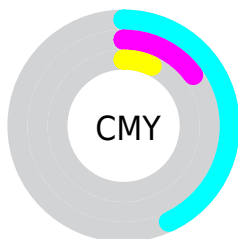
- Red (57%)
- Green (85%)
- Blue (93%)



- Red (57%)
- Yellow (73%)
- Blue (93%)



- Cyan (39%)
- Magenta (8%)
- Yellow (0%)
- Black (7%)



- Cyan (43%)
- Magenta (15%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 197.0510, 19.2019, -45.6487 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 197.0510, 19.2019, -45.6487 by changing the saturation by 10% instead.

■ 197.0510, 19.2019,
-45.6487

■ 197.0510, 19.2019,
-45.6487

255.0000, 0.0000,
0.0000

■ 169.0510, 19.2019,
-45.6487

■ 239.1530, 7.8126,
-32.5832

■ 141.6380, 18.9125,
-46.1635

■ 247.8240, 3.5378,
-14.7546

■ 114.9260, 18.7705,
-47.2931

■ 86.8330, 19.8023,
-51.5965

■ 61.5230, 19.9552,
-53.9557

■ 45.2860, 16.1280,
-39.7158

■ 29.1630, 12.7376,

-25.5760

■ 13.8550, 9.9315,
-12.1508

■ 1.0260, 3.9312,
-0.8998

■ 197.0510, 19.2019,
-45.6487

■ 197.0510, 19.2019,
-45.6487

■ 186.9400, 24.1866,
-57.8294

■ 207.1620, 14.2171,
-33.4681

■ 177.1280, 29.0239,
-69.3953

■ 216.9740, 9.3798,
-21.9022

■ 166.4300, 34.2980,
-81.0611

■ 227.6720, 4.1057,
-10.2363

■ 156.6180, 39.1353,
-92.6270

■ 237.4840, -0.7316,
1.3295

■ 146.5070, 44.1200,
-104.8076

■ 245.2030, -4.5371,
8.5920

■ 136.3960, 49.1048,
-116.9883

■ 248.1380, -5.9840,
6.0180

■ 134.9120, 49.8364,
-118.3178

■ 251.0730, -7.4310,
3.4440

■ 252.8340, -8.2992,
1.8996

Harmonies

Analogous

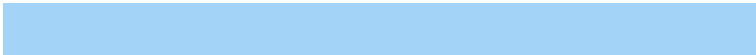
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



195.9450, 9.8871, -44.6788



197.0510, 19.2019, -45.6487



201.1650, 23.0897, -32.5937

Triad

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



197.0510, 19.2019, -45.6487



209.0390, 4.4178, 29.7838



202.9520, -20.6823, 7.0581

Complementary

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



197.0510, 19.2019, -45.6487



183.9490, -19.2019, 45.6487

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.



205.5350, -21.4628, 24.0868



197.0510, 19.2019, -45.6487



208.5210, -6.6659, 38.1311

Square

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



197.0510, 19.2019, -45.6487



208.5620, 14.5129, 11.7851



207.3930, -15.9697, 35.6123



199.9540, -13.7813, -13.1147

Rectangle

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



197.0510, 19.2019, -45.6487



204.1390, 22.6095, -18.5389



207.3930, -15.9697, 35.6123



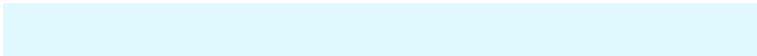
204.0560, -21.7196, 13.1059

Sweetspot

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



197.0510, 19.2019, -45.6487



241.6220, 6.5954, -15.4545



200.6970, -17.5986, -48.8463



120.2700, 3.8109, -9.0068



0.0000, 0.0000, 0.0000



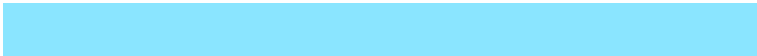
128.0000, 0.0000, 0.0000

Same Dimension

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



197.0510, 19.2019, -45.6487



204.7550, 24.7708, -58.5441



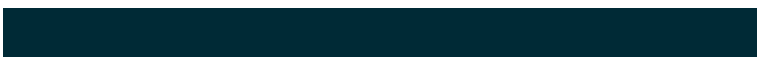
170.6360, 32.2245, -22.4828



112.5370, 2.2003, -5.7329



103.4010, 38.2563, -90.6827



30.8100, 11.4327, -27.0204

Inverse Universe

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



180.3030, 17.5986, 48.8463



183.3570, 22.5020, 62.8309



210.3640, -32.2245, 22.4828



110.3150, 2.3097, 5.8627



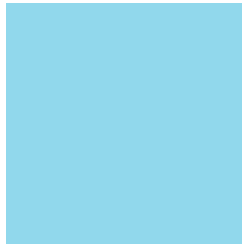
70.1930, 34.9079, 97.1777



20.9340, 10.3855, 28.9989

Previews

White Background



This preview shows how the YUV color 197.0510, 19.2019, -45.6487 looks on a white background.

Color Contrast Check

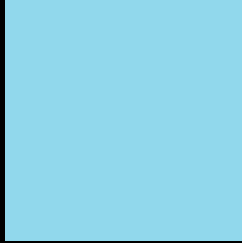
Large Text (above 18pt) WCAG AA × Fail

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 197.0510, 19.2019, -45.6487 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 197.0510, 19.2019, -45.6487

Background



This preview shows how black text looks on a background with the YUV color 197.0510, 19.2019, -45.6487.



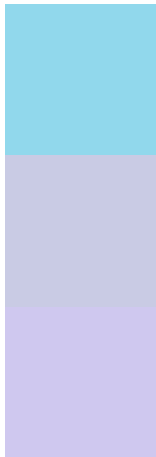
This preview shows how white text looks on a background with the YUV color 197.0510, 19.2019, -45.6487.

-45.6487.

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

197.0510, 19.2019, -45.6487

Protanopia

205.2520, 11.2148, -3.7290

Deuteranopia

206.5390, 16.0033, 0.4043



Tritanopia

196.5240, 18.4757, -46.0635

Trichromacy



Original Color

197.0510, 19.2019, -45.6487

Protanomaly

202.5490, 14.0263, -18.8985

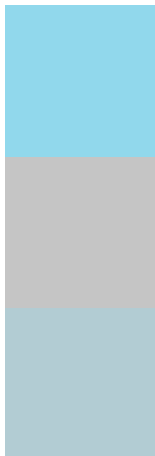
Deuteranomaly

203.0700, 17.2205, -16.7244

Tritanomaly

196.6380, 18.9125, -46.1635

Monochromacy



Original Color

197.0510, 19.2019, -45.6487

Achromatopsia

197.0000, 0.0000, 0.0000

Achromatomaly

197.0240, 6.8902, -16.6840

CSS Examples

Text

The CSS property to change the color of the text to YUV 197.0510, 19.2019, -45.6487 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(145, 216, 236)` looks like.

```
.text, #text, p{  
    color:rgb(145, 216, 236)  
}
```

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(145, 216, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 216, 236) }
```

Border

The CSS property to change the border of an element to YUV 197.0510, 19.2019, -45.6487 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(145, 216, 236) }
```


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

```
.border{ border-color:rgb(145, 216, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 216, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(145, 216, 236); -webkit-box-shadow:4px 4px 4px 4px rgb(145, 216, 236); box-shadow:4px 4px 4px 4px rgb(145, 216, 236) }
```

Background

The CSS property to change the background color of an element to YUV 197.0510, 19.2019, -45.6487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 216, 236) }
```

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

```
.background{ background-color: rgb(145,  
216, 236) }
```

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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