

Converting Colors

YUV(200.9970, 17.7495,
-46.4784)

Have a look what the booklet for
YUV(200.9970, 17.7495, -46.4784)
contains.

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Color

**YUV(200.9970, 17.7495,
-46.4784)**

Conversions

Conversions Part 1

Format	Color
Hex	94DDED
RGB	148, 221, 237
RGB Percent	58%, 87%, 93%
CMY	0.4196, 0.1333, 0.0706
CMYK	0.38, 0.07, 0.00, 0.07
HSL	191°, 71%, 75%
HSV	191°, 38%, 93%
XYZ	53.3553, 64.1232, 89.6857
YIQ	200.9970, -48.6440, -10.5000

Conversions

Conversions Part 2

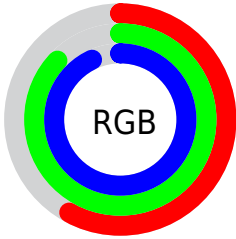
Format	Color
R _{YB}	148, 188, 237
Decimal	9756141
CIE _{Lab}	84.03, -18.70, -15.01
CIE _{LCh}	84, 23.983, 218.755
Yxy	64.1232, 0.2576, 0.3095
Android (android.graphics.Color)	4287946221 (0xFF94DDED)
YUV	200.9970, 17.7495, -46.4784
Hunter-Lab	80.0770, -21.2002, -10.3505

Details

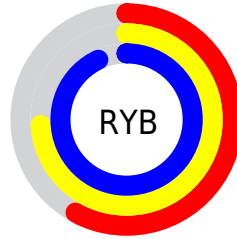
The YUV color **200.9970, 17.7495, -46.4784** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **184.0030, -17.7495, 46.4784**, and the grayscale version is **201.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.0500, 7.3704, -30.7388**, and **145.5840, 17.4601, -46.9932** is the 20% darker color. If you saturate the color by 10%, you get **191.4730, 22.4448, -59.1738**, and if you desaturate by 10%, it is **210.5210, 13.0541, -33.7829**.

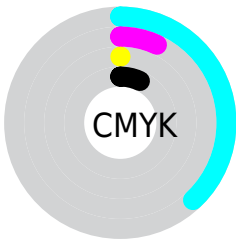
Distribution



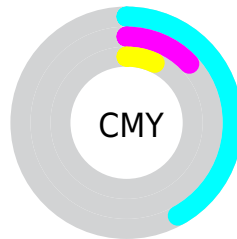
- Red (58%)
- Green (87%)
- Blue (93%)



- Red (58%)
- Yellow (74%)
- Blue (93%)



- Cyan (38%)
- Magenta (7%)
- Yellow (0%)
- Black (7%)



- Cyan (42%)
- Magenta (13%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.9970, 17.7495, -46.4784 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 200.9970, 17.7495, -46.4784 by changing the saturation by 10% instead.

■ 200.9970, 17.7495,
-46.4784

■ 200.9970, 17.7495,
-46.4784

255.0000, 0.0000,
0.0000

■ 172.9970, 17.7495,
-46.4784

■ 240.0500, 7.3704,
-30.7388

■ 145.5840, 17.4601,
-46.9932

■ 248.7210, 3.0955,
-12.9103

■ 118.2850, 17.6075,
-47.6079

■ 91.3770, 18.0551,
-51.1966

■ 63.9850, 19.2344,
-56.1148

■ 47.1610, 15.6966,
-41.3602

■ 31.6250, 12.0169,

-27.7351

■ 18.0780, 8.3425,
-15.8544

■ 1.2540, 4.8048,
-1.0998

■ 200.9970, 17.7495,
-46.4784

■ 200.9970, 17.7495,
-46.4784

■ 191.4730, 22.4448,
-59.1738

■ 210.5210, 13.0541,
-33.7829

■ 181.6610, 27.2821,
-70.7397

■ 220.3330, 8.2168,
-22.2170

■ 172.1370, 31.9775,
-83.4351

■ 229.8570, 3.5215,
-9.5216

■ 162.6130, 36.6728,
-96.1306

■ 239.3810, -1.1738,
3.1739

■ 153.3880, 41.2207,
-108.2113

■ 245.3170, -4.1003,
8.4920

■ 143.2770, 46.2054,
-120.3919

■ 248.2520, -5.5472,
5.9180

■ 140.8960, 47.3793,
-123.5658

■ 250.6000, -6.7048,
3.8588

■ 252.9480, -7.8624,
1.7996

Harmonies

Analogous

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



200.6740, 7.5557, -43.5641



200.9970, 17.7495, -46.4784



204.4420, 22.9531, -35.4676

Triad

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



200.9970, 17.7495, -46.4784



214.0710, 5.8810, 27.1247



207.8600, -21.1300, 10.6468

Complementary

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



200.9970, 17.7495, -46.4784



184.0030, -17.7495, 46.4784

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.



210.3720, -20.8894, 26.8608



200.9970, 17.7495, -46.4784



213.3790, -4.6238, 36.5016

Square

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



200.9970, 17.7495, -46.4784



212.8820, 15.8342, 7.9965



211.7460, -14.6648, 37.0568



205.5200, -15.5394, -9.2260

Rectangle

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



200.9970, 17.7495, -46.4784



207.8180, 22.7677, -22.6424



211.7460, -14.6648, 37.0568



209.0780, -21.7305, 16.5946

Sweetspot

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



200.9970, 17.7495, -46.4784



243.6930, 5.5744, -14.6398



201.9530, -19.2038, -47.3168



121.1560, 3.3741, -8.9068



0.0000, 0.0000, 0.0000



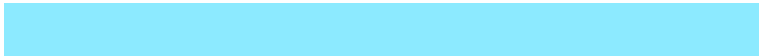
128.0000, 0.0000, 0.0000

Same Dimension

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



200.9970, 17.7495, -46.4784



208.2880, 23.0290, -59.8886



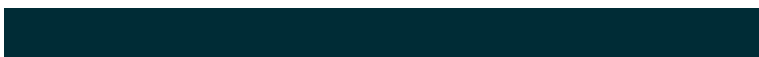
175.7560, 30.1933, -24.3420



112.5370, 2.2003, -5.7329



108.0970, 35.9412, -94.8011



31.9840, 10.8539, -28.0500

Inverse Universe

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



182.9330, 18.7670, 47.4168



185.1010, 24.1072, 61.3014



209.2440, -30.1933, 24.3420



110.3150, 2.3097, 5.8627



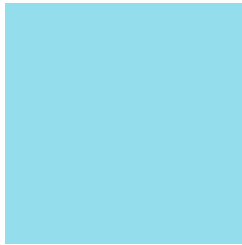
71.1050, 38.4022, 96.3779



21.1620, 11.2591, 28.7989

Previews

White Background



This preview shows how the YUV color 200.9970, 17.7495, -46.4784 looks on a white background.

Color Contrast Check

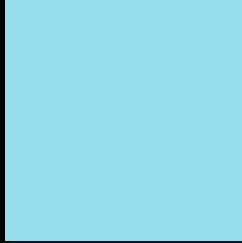
Large Text (above 18pt) WCAG AA × Fail

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 200.9970, 17.7495, -46.4784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

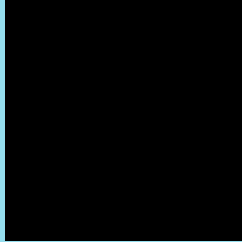
Any Text WCAG AA ✓ Pass

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 200.9970, 17.7495, -46.4784 Background



This preview shows how black text looks on a background with the YUV color 200.9970, 17.7495, -46.4784.



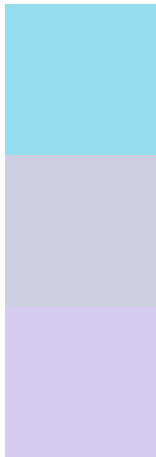
This preview shows how white text looks on a background with the YUV color 200.9970, 17.7495, -46.4784.

-46.4784.

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

200.9970, 17.7495, -46.4784

Protanopia

209.3940, 9.1728, -2.0995

Deuteranopia

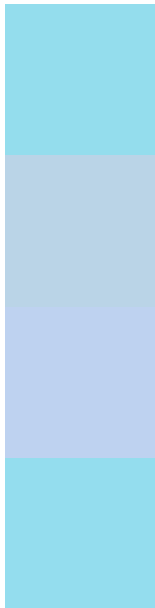
211.2080, 14.6875, 2.4486



Tritanopia

201.2250, 18.6231, -46.6783

Trichromacy



Original Color

200.9970, 17.7495, -46.4784

Protanomaly

206.3920, 12.1317, -17.8838

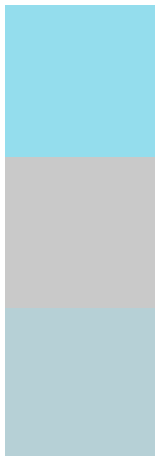
Deuteranomaly

207.4400, 16.0521, -15.2949

Tritanomaly

201.1110, 18.1863, -46.5783

Monochromacy



Original Color

200.9970, 17.7495, -46.4784

Achromatopsia

201.0000, 0.0000, 0.0000

Achromatomaly

200.9100, 6.4534, -16.5841

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.9970, 17.7495, -46.4784 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(148, 221, 237)` looks like.

```
.text, #text, p{  
    color:rgb(148, 221, 237)  
}
```

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(148, 221, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 221, 237) }
```

Border

The CSS property to change the border of an element to YUV 200.9970, 17.7495, -46.4784 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(148, 221, 237) }
```


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

```
.border{ border-color:rgb(148, 221, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 221, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 221, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 221, 237);  
box-shadow:4px 4px 4px 4px rgb(148, 221,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 200.9970, 17.7495, -46.4784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 221, 237) }
```

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

```
.background{ background-color: rgb(148,  
221, 237) }
```

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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