

Converting Colors

YUV(203.7740, 19.3384,
-42.7748)

Have a look what the booklet for
YUV(203.7740, 19.3384, -42.7748)
contains.

YUV(203.7740, 19.3384, -42.7748)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(203.7740, 19.3384,
-42.7748)**

Conversions

Conversions Part 1

Format	Color
Hex	9BDDF3
RGB	155, 221, 243
RGB Percent	61%, 87%, 95%
CMY	0.3922, 0.1333, 0.0471
CMYK	0.36, 0.09, 0.00, 0.05
HSL	195°, 79%, 78%
HSV	195°, 36%, 95%
XYZ	55.5517, 65.1525, 94.4418
YIQ	203.7740, -46.3980, -7.1500

Conversions

Conversions Part 2

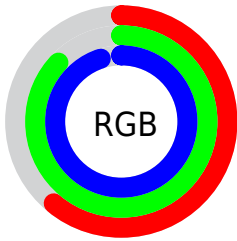
Format	Color
RYB	155, 193, 243
Decimal	10214899
CIELab	84.56, -15.41, -17.35
CIElCh	85, 23.209, 228.387
Yxy	65.1525, 0.2582, 0.3028
Android (android.graphics.Color)	4288404979 (0xFF9BDDF3)
YUV	203.7740, 19.3384, -42.7748
Hunter-Lab	80.7171, -18.4065, -12.8694

Details

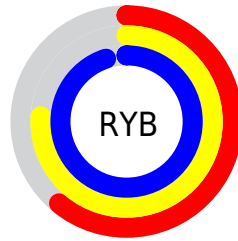
The YUV color $203.7740, 19.3384, -42.7748$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $194.2260, -19.3384, 42.7748$, and the grayscale version is $204.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $242.1430, 6.3385, -26.4354$, and $148.6600, 18.9016, -42.6748$ is the 20% darker color. If you saturate the color by 10%, you get $193.0760, 24.6125, -54.4407$, and if you desaturate by 10%, it is $214.4720, 14.0643, -31.1089$.

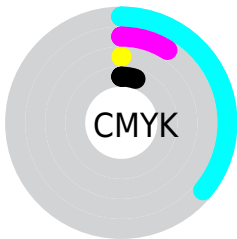
Distribution



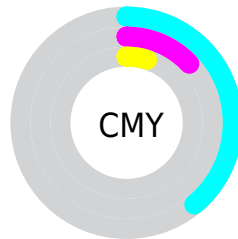
- Red (61%)
- Green (87%)
- Blue (95%)



- Red (61%)
- Yellow (76%)
- Blue (95%)



- Cyan (36%)
- Magenta (9%)
- Yellow (0%)
- Black (5%)



- Cyan (39%)
- Magenta (13%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.7740, 19.3384, -42.7748 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 203.7740, 19.3384, -42.7748 by changing the saturation by 10% instead.

■ 203.7740, 19.3384,
-42.7748

■ 203.7740, 19.3384,
-42.7748

255.0000, 0.0000,
0.0000

■ 175.7740, 19.3384,
-42.7748

■ 242.1430, 6.3385,
-26.4354

■ 148.6600, 18.9016,
-42.6748

■ 250.8140, 2.0637,
-8.6069

■ 121.3610, 19.0490,
-43.2896

■ 95.0510, 19.2019,
-45.6487

■ 64.5550, 21.4184,
-56.6147

■ 48.3180, 17.5912,
-42.3749

■ 32.1950, 14.2009,

-28.2350

■ 18.5340, 10.0897,
-16.2543

■ 2.6390, 7.5730,
-2.3144

■ 203.7740, 19.3384,
-42.7748

■ 203.7740, 19.3384,
-42.7748

■ 193.0760, 24.6125,
-54.4407

■ 214.4720, 14.0643,
-31.1089

■ 182.0790, 30.0341,
-66.7213

■ 225.4690, 8.6428,
-18.8283

■ 171.3810, 35.3082,
-78.3871

■ 236.1670, 3.3687,
-7.1625

■ 160.6830, 40.5823,
-90.0530

■ 246.8650, -1.9054,
4.5034

■ 149.6860, 46.0038,
-102.3336

■ 251.2840, -4.0840,
3.2589

■ 138.9880, 51.2779,
-113.9995

■ 253.6320, -5.2416,
1.1997

■ 134.5360, 53.4728,
-117.9881

Harmonies

Analogous

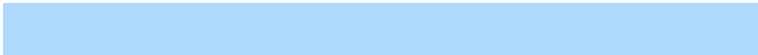
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



202.4720, 10.6133, -44.2639



203.7740, 19.3384, -42.7748



207.9590, 22.2052, -28.9050

Triad

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



203.7740, 19.3384, -42.7748



214.9960, 2.9600, 30.6985



208.8700, -19.6559, 4.4990

Complementary

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



203.7740, 19.3384, -42.7748



194.2260, -19.3384, 42.7748

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.



211.3390, -20.8731, 21.6277



203.7740, 19.3384, -42.7748



213.8690, -7.8234, 36.0719

Square

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



203.7740, 19.3384, -42.7748



214.4160, 12.6129, 14.5442



213.1540, -16.8379, 34.0679



206.2850, -12.4655, -15.1589

Rectangle

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



203.7740, 19.3384, -42.7748



210.8190, 21.2882, -14.7503



213.1540, -16.8379, 34.0679



209.9740, -20.6932, 10.5468

Sweetspot

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



203.7740, 19.3384, -42.7748



242.5190, 6.1531, -13.6102



209.1640, -15.8569, -47.5018



119.9820, 3.9529, -7.8772



0.0000, 0.0000, 0.0000



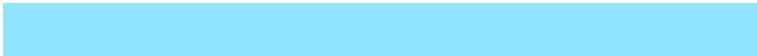
128.0000, 0.0000, 0.0000

Same Dimension

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



203.7740, 19.3384, -42.7748



206.2610, 24.0283, -53.7259



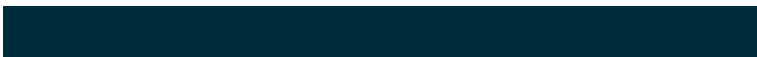
177.9460, 32.0716, -20.1236



116.6510, 2.6371, -5.8329



103.3840, 40.7297, -90.6678



32.5540, 13.0379, -28.5499

Inverse Universe

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



188.8360, 15.8569, 47.5018



187.3520, 20.0395, 59.3273



220.0540, -32.0716, 20.1236



114.6140, 2.1623, 6.4775



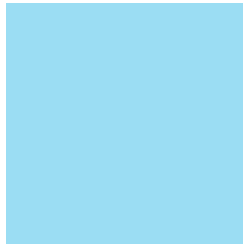
71.5740, 33.7340, 100.3516



22.6570, 10.5221, 31.8728

Previews

White Background



This preview shows how the YUV color 203.7740, 19.3384, -42.7748 looks on a white background.

Color Contrast Check

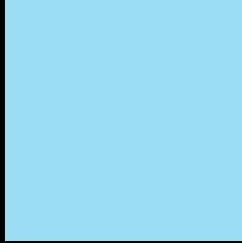
Large Text (above 18pt) WCAG AA × Fail

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 203.7740, 19.3384, -42.7748 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 203.7740, 19.3384, -42.7748

Background



This preview shows how black text looks on a background with the YUV color 203.7740, 19.3384, -42.7748.



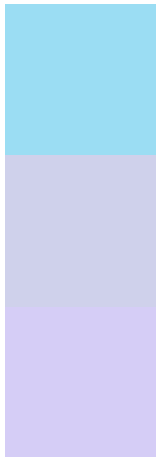
This preview shows how white text looks on a background with the YUV color 203.7740, 19.3384, -42.7748.

-42.7748.

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

203.7740, 19.3384, -42.7748

Protanopia

211.3660, 11.6516, -3.8290

Deuteranopia

212.0660, 16.7295, 0.8191



Tritanopia

203.6060, 17.4492, -43.5045

Trichromacy



Original Color

203.7740, 19.3384, -42.7748

Protanomaly

208.3750, 14.6051, -17.8689

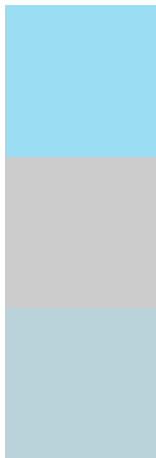
Deuteranomaly

209.1950, 17.6519, -15.0800

Tritanomaly

203.7200, 17.8860, -43.6044

Monochromacy



Original Color

203.7740, 19.3384, -42.7748

Achromatopsia

204.0000, 0.0000, 0.0000

Achromatomaly

203.7360, 7.0322, -15.5545

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.7740, 19.3384, -42.7748 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(155, 221, 243)` looks like.

```
.text, #text, p{  
    color:rgb(155, 221, 243)  
}
```

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(155, 221, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 221, 243) }
```

Border

The CSS property to change the border of an element to YUV 203.7740, 19.3384, -42.7748 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(155, 221, 243) }
```


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

```
.border{ border-color:rgb(155, 221, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 221, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 221, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 221, 243);  
box-shadow:4px 4px 4px 4px rgb(155, 221,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 203.7740, 19.3384, -42.7748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 221, 243) }
```

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

```
.background{ background-color: rgb(155,  
221, 243) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor