

Converting Colors

YUV(203.7620, -19.1097,
15.9947)

Have a look what the booklet for
YUV(203.7620, -19.1097, 15.9947)
contains.

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Color

**YUV(203.7620, -19.1097,
15.9947)**

Conversions

Conversions Part 1

Format	Color
Hex	DECAA5
RGB	222, 202, 165
RGB Percent	87%, 79%, 65%
CMY	0.1294, 0.2078, 0.3529
CMYK	0.00, 0.09, 0.26, 0.13
HSL	39°, 46%, 76%
HSV	39°, 26%, 87%
XYZ	58.0363, 60.4873, 44.2137
YIQ	203.7620, 23.7970, -7.2670

Conversions

Conversions Part 2

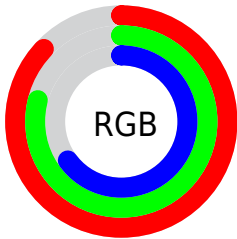
Format	Color
RYB	196, 222, 165
Decimal	14600869
CIELab	82.10, 1.33, 21.04
CIElCh	82, 21.082, 86.378
Yxy	60.4873, 0.3566, 0.3717
Android (android.graphics.Color)	4292790949 (0xFFDECAA5)
YUV	203.7620, -19.1097, 15.9947
Hunter-Lab	77.7736, -2.9033, 20.7356

Details

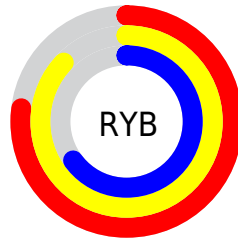
The YUV color $203.7620, -19.1097, 15.9947$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $183.2380, 19.1097, -15.9947$, and the grayscale version is $204.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.0100, -15.2879, 3.4992$, and $149.3920, -17.9413, 14.5652$ is the 20% darker color. If you saturate the color by 10%, you get $196.5580, -26.4041, 22.3126$, and if you desaturate by 10%, it is $210.9660, -11.8152, 9.6768$.

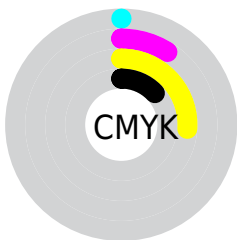
Distribution



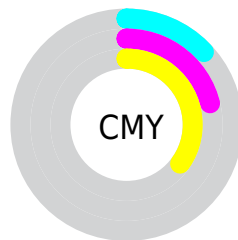
- Red (87%)
- Green (79%)
- Blue (65%)



- Red (77%)
- Yellow (87%)
- Blue (65%)



- Cyan (0%)
- Magenta (9%)
- Yellow (26%)
- Black (13%)



- Cyan (13%)
- Magenta (21%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.7620, -19.1097, 15.9947 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 203.7620, -19.1097, 15.9947 by changing the saturation by 10% instead.

■ 203.7620,
-19.1097, 15.9947

■ 203.7620,
-19.1097, 15.9947

■ 255.0000, 0.0000,
0.0000

■ 176.5770,
-18.5255, 15.2800

■ 251.0100,
-15.2879, 3.4992

■ 149.3920,
-17.9413, 14.5652

■ 254.3160, -2.6208,
0.5999

■ 123.2070,
-17.3571, 13.8505

■ 98.7230, -16.6254,
12.5209

■ 74.5380, -16.0412,
11.8062

■ 51.4670, -15.0202,
10.9914

■ 30.1680, -14.8728,

10.3767

■ 8.0070, -3.9475,
6.1329

■ 0.0000, 0.0000,
0.0000

■ 203.7620,
-19.1097, 15.9947

■ 203.7620,
-19.1097, 15.9947

■ 196.5580,
-26.4041, 22.3126

■ 210.9660,
-11.8152, 9.6768

■ 189.3540,
-33.6985, 28.6305

■ 218.1700, -4.5208,
3.3589

■ 182.6230,
-41.7191, 34.5336

■ 224.9010, 3.4998,
-2.5442

■ 175.4190,
-49.0136, 40.8515

■ 232.1050, 10.7942,
-8.8621

■ 168.2150,
-56.3080, 47.1694

■ 236.9150, 8.9159,
-13.0805

■ 161.0110,
-63.6024, 53.4874

■ 241.6110, 6.6008,
-17.1988

■ 153.8070,
-70.8969, 59.8053

■ 245.1330, 4.8644,
-20.2876

■ 150.9060,
-74.3967, 62.3494

Harmonies

Analogous

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



205.8220, -16.6742, 28.2201



203.7620, -19.1097, 15.9947



201.4610, -16.0033, -0.4043

Triad

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



203.7620, -19.1097, 15.9947



196.5480, 12.0548, -39.9456



207.8140, 8.9657, 17.7031

Complementary

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



203.7620, -19.1097, 15.9947



183.2380, 19.1097, -15.9947

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.



205.9410, 16.2981, -0.8253



203.7620, -19.1097, 15.9947



198.5900, 18.4431, -35.5974

Square

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



203.7620, -19.1097, 15.9947



197.2470, 1.8502, -33.5426



202.7320, 19.8521, -20.8130



208.0730, -0.5290, 29.7540

Rectangle

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



203.7620, -19.1097, 15.9947



199.8230, -11.7447, -12.9998



202.7320, 19.8521, -20.8130



207.5790, 12.0396, 11.7702

Sweetspot

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



203.7620, -19.1097, 15.9947



248.6110, -6.7102, 5.6032



184.4370, 0.7706, 32.9428



123.5830, -4.2314, 3.8737



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.



203.7620, -19.1097, 15.9947



229.5580, -26.4041, 22.3126



213.1100, -23.7182, 0.7805



108.3980, -3.6472, 3.1590



119.5420, -58.9342, 49.5137



32.5490, -16.0467, 13.5505

Inverse Universe

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



183.2380, 19.1097, -15.9947



201.4420, 26.4041, -22.3126



173.8900, 23.7182, -0.7805



104.6020, 3.6472, -3.1590



56.4580, 58.9342, -49.5137



15.4510, 16.0467, -13.5505

Previews

White Background



This preview shows how the YUV color 203.7620, -19.1097, 15.9947 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 203.7620, -19.1097, 15.9947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

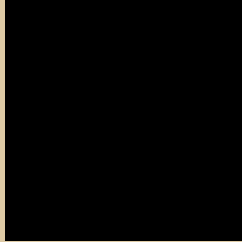
Any Text WCAG AA ✓ Pass

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 203.7620, -19.1097, 15.9947 Background



This preview shows how black text looks on a background with the YUV color 203.7620, -19.1097, 15.9947.



This preview shows how white text looks on a background with the YUV color 203.7620, -19.1097, 15.9947.

15.9947.

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

203.7620, -19.1097, 15.9947

Protanopia

203.2560, -18.3672, 11.1765

Deuteranopia

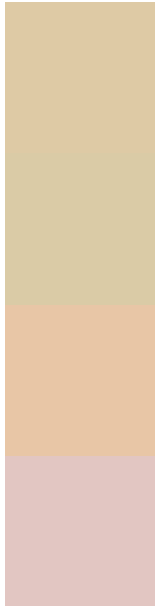
204.8390, -19.1476, 28.2052



Tritanopia

207.2780, 1.8349, 18.1732

Trichromacy



Original Color

203.7620, -19.1097, 15.9947

Protanomaly

203.2670, -18.3726, 12.9208

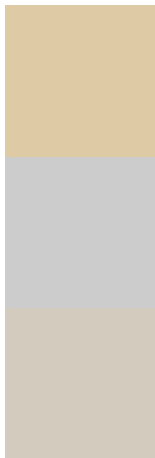
Deuteranomaly

204.5180, -18.9894, 24.1017

Tritanomaly

205.9160, -5.8746, 17.6137

Monochromacy



Original Color

203.7620, -19.1097, 15.9947

Achromatopsia

204.0000, 0.0000, 0.0000

Achromatomaly

203.9100, -6.8576, 6.2179

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.7620, -19.1097, 15.9947 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(222, 202, 165)` looks like.

```
.text, #text, p{  
    color:rgb(222, 202, 165)  
}
```

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(222, 202, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 202, 165) }
```

Border

The CSS property to change the border of an element to YUV 203.7620, -19.1097, 15.9947 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(222, 202, 165) }
```


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

```
.border{ border-color:rgb(222, 202, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 202, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 202, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 202, 165); box-shadow:4px 4px 4px 4px rgb(222, 202, 165) }
```

Background

The CSS property to change the background color of an element to YUV 203.7620, -19.1097, 15.9947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 202, 165) }
```

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

```
.background{ background-color: rgb(222,  
202, 165) }
```

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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