

Converting Colors

YUV(203.0320, -28.6098,
29.7899)

Have a look what the booklet for
YUV(203.0320, -28.6098, 29.7899)
contains.

YUV(203.0320, -28.6098, 29.7899)	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(203.0320, -28.6098,
29.7899)**

Conversions

Conversions Part 1

Format	Color
Hex	EDC591
RGB	237, 197, 145
RGB Percent	93%, 77%, 57%
CMY	0.0706, 0.2275, 0.4314
CMYK	0.00, 0.17, 0.39, 0.07
HSL	34°, 72%, 75%
HSV	34°, 39%, 93%
XYZ	60.0021, 59.9814, 35.2032
YIQ	203.0320, 40.5320, -7.6920

Conversions

Conversions Part 2

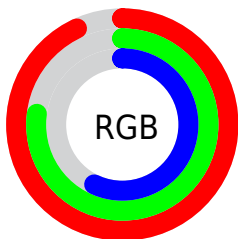
Format	Color
R _Y B	216, 237, 145
Decimal	15582609
CIE Lab	81.83, 7.25, 31.40
CIE LCh	82, 32.227, 76.998
Yxy	59.9814, 0.3866, 0.3865
Android (android.graphics.Color)	4293772689 (0xFFEDC591)
YUV	203.0320, -28.6098, 29.7899
Hunter-Lab	77.4476, 2.7586, 27.2636

Details

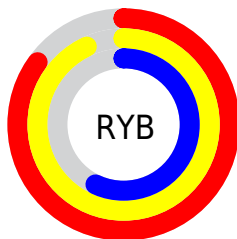
The YUV color $203.0320, -28.6098, 29.7899$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $178.9680, 28.6098, -29.7899$, and the grayscale version is $203.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.0290, -24.1713, 6.1136$, and $148.4770, -26.8572, 27.6457$ is the 20% darker color. If you saturate the color by 10%, you get $194.4260, -36.1990, 37.3374$, and if you desaturate by 10%, it is $211.6380, -21.0205, 22.2425$.

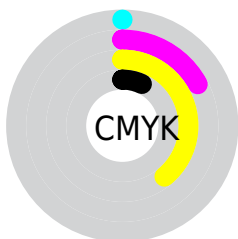
Distribution



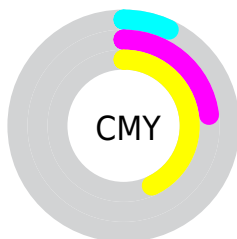
- Red (93%)
- Green (77%)
- Blue (57%)



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



- Cyan (0%)
- Magenta (17%)
- Yellow (39%)
- Black (7%)



- Cyan (7%)
- Magenta (23%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.0320, -28.6098, 29.7899 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 203.0320, -28.6098, 29.7899 by changing the saturation by 10% instead.

■ 203.0320,
-28.6098, 29.7899

■ 203.0320,
-28.6098, 29.7899

■ 255.0000, 0.0000,
0.0000

■ 175.5480,
-27.8782, 28.4604

■ 248.0290,
-24.1713, 6.1136

■ 148.4770,
-26.8572, 27.6457

■ 251.8080,
-12.2303, 2.7994

■ 122.6940,
-25.9781, 25.7014

■ 97.2100, -25.2465,
24.3718

■ 73.1280, -24.2201,
21.8127

■ 49.4160, -24.3621,
20.6832

■ 30.2010, -14.8891,

15.6097

■ 7.7630, -3.8272,
14.2398

■ 0.0000, 0.0000,
0.0000

■ 203.0320,
-28.6098, 29.7899

■ 203.0320,
-28.6098, 29.7899

■ 194.4260,
-36.1990, 37.3374

■ 211.6380,
-21.0205, 22.2425

■ 185.3470,
-43.0621, 45.2997

■ 220.7170,
-14.1575, 14.2802

■ 176.7410,
-50.6513, 52.8471

■ 229.3230, -6.5682,
6.7327

■ 168.1350,
-58.2406, 60.3946

■ 237.9290, 1.0210,
-0.8147

■ 158.9420,
-65.5404, 68.4569

■ 246.0960, 4.3897,
-7.9772

■ 150.4500,
-72.6929, 75.9043

■ 249.6180, 2.6533,
-11.0660

■ 149.5210,
-73.7139, 76.7191

Harmonies

Analogous

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



204.3680, -21.3804, 44.4043



203.0320, -28.6098, 29.7899



199.9320, -27.0815, 6.1986

Triad

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



203.0320, -28.6098, 29.7899



188.0070, 15.7725, -65.7811



207.9310, 18.2750, 18.4775

Complementary

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



203.0320, -28.6098, 29.7899



178.9680, 28.6098, -29.7899

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.



203.2800, 25.4980, -11.6466



203.0320, -28.6098, 29.7899



189.6230, 28.2869, -66.3214

Square

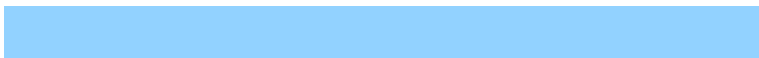
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



203.0320, -28.6098, 29.7899



191.6600, -1.3114, -46.1828



195.9940, 29.0900, -43.8447



208.5180, 4.6746, 40.7647

Rectangle

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



203.0320, -28.6098, 29.7899



197.9020, -21.6437, -11.3151



195.9940, 29.0900, -43.8447



206.9020, 22.2333, 8.8559

Sweetspot

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



203.0320, -28.6098, 29.7899



243.8350, -9.7787, 9.7917



177.1820, 4.3473, 52.4604



121.2520, -5.5472, 5.9180



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.



203.0320, -28.6098, 29.7899



210.7960, -37.3674, 38.7669



225.0170, -39.4484, 6.1241



112.8110, -3.3578, 3.6738



113.9930, -56.1985, 58.7651



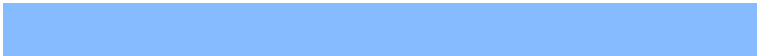
33.7560, -16.6417, 17.7540

Inverse Universe

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



178.9680, 28.6098, -29.7899



179.2040, 37.3674, -38.7669



156.9830, 39.4484, -6.1241



110.1890, 3.3578, -3.6738



67.0070, 56.1985, -58.7651



19.6570, 16.9311, -17.2392

Previews

White Background



This preview shows how the YUV color 203.0320, -28.6098, 29.7899 looks on a white background.

Color Contrast Check

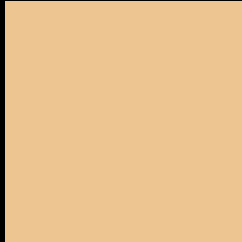
Large Text (above 18pt) WCAG AA × Fail

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 203.0320, -28.6098, 29.7899 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 203.0320, -28.6098, 29.7899

Background



This preview shows how black text looks on a background with the YUV color 203.0320, -28.6098, 29.7899.



This preview shows how white text looks on a background with the YUV color 203.0320, -28.6098,

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

203.0320, -28.6098, 29.7899

Protanopia

201.5140, -26.3824, 15.3352

Deuteranopia

203.3530, -28.7680, 33.8934



Tritanopia

206.8560, -1.4080, 31.6983

Trichromacy



Original Color

203.0320, -28.6098, 29.7899

Protanomaly

202.3190, -27.2723, 20.7682

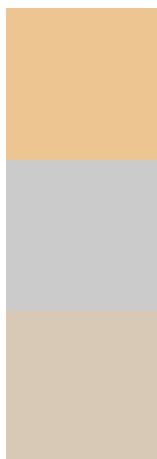
Deuteranomaly

203.3420, -28.7626, 32.1491

Tritanomaly

205.6250, -11.1541, 31.0239

Monochromacy



Original Color

203.0320, -28.6098, 29.7899

Achromatopsia

203.0000, 0.0000, 0.0000

Achromatomaly

203.0200, -10.3629, 10.5065

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.0320, -28.6098, 29.7899 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(237, 197, 145)` looks like.

```
.text, #text, p{  
    color:rgb(237, 197, 145)  
}
```

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(237, 197, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 197, 145) }
```

Border

The CSS property to change the border of an element to YUV 203.0320, -28.6098, 29.7899 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(237, 197, 145) }
```


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

```
.border{ border-color:rgb(237, 197, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 197, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 197, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 197, 145);  
box-shadow:4px 4px 4px 4px rgb(237, 197,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 203.0320, -28.6098, 29.7899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 197, 145) }
```

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

```
.background{ background-color: rgb(237,  
197, 145) }
```

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