

Converting Colors

YUV(203.6020, -29.8768,
16.1350)

Have a look what the booklet for
YUV(203.6020, -29.8768, 16.1350)
contains.

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Color

**YUV(203.6020, -29.8768,
16.1350)**

Conversions

Conversions Part 1

Format	Color
Hex	DECE8F
RGB	222, 206, 143
RGB Percent	87%, 81%, 56%
CMY	0.1294, 0.1922, 0.4392
CMYK	0.00, 0.07, 0.36, 0.13
HSL	48°, 54%, 72%
HSV	48°, 36%, 87%
XYZ	57.1534, 61.6554, 34.8750
YIQ	203.6020, 29.7590, -16.2010

Conversions

Conversions Part 2

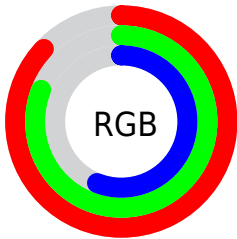
Format	Color
R_{YB}	163, 222, 143
Decimal	14601871
CIE Lab	82.73, -3.53, 33.38
CIE LCh	83, 33.570, 96.044
Yxy	61.6554, 0.3719, 0.4012
Android (android.graphics.Color)	4292791951 (0xFFDECE8F)
YUV	203.6020, -29.8768, 16.1350
Hunter-Lab	78.5209, -7.4859, 28.6311

Details

The YUV color $203.6020, -29.8768, 16.1350$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $161.3980, 29.8768, -16.1350$, and the grayscale version is $204.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.3880, -25.3343, 5.7987$, and $149.3460, -28.2716, 14.6056$ is the 20% darker color. If you saturate the color by 10%, you get $198.7460, -38.3288, 20.3938$, and if you desaturate by 10%, it is $208.4580, -21.4248, 11.8763$.

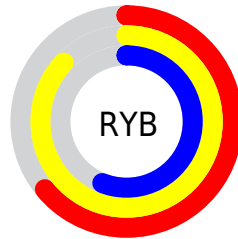
Distribution



Red (87%)

Green (81%)

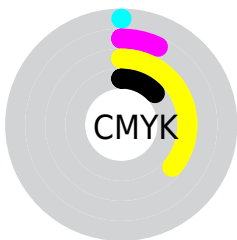
Blue (56%)



Red (64%)

Yellow (87%)

Blue (56%)

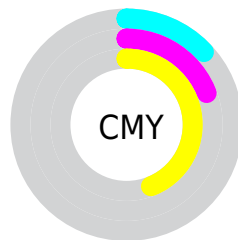


Cyan (0%)

Magenta (7%)

Yellow (36%)

Black (13%)



Cyan (13%)

Magenta (19%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.6020, -29.8768, 16.1350 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 203.6020, -29.8768, 16.1350 by changing the saturation by 10% instead.

■ 203.6020,
-29.8768, 16.1350

■ 203.6020,
-29.8768, 16.1350

255.0000, 0.0000,
0.0000

■ 176.4170,
-29.2926, 15.4203

■ 248.3880,
-25.3343, 5.7987

■ 149.3460,
-28.2716, 14.6056

■ 251.6940,
-12.6671, 2.8994

■ 123.1610,
-27.6874, 13.8908

254.8860, -0.4368,
0.1000

■ 97.7910, -26.5190,
12.4613

■ 73.6060, -25.9348,
11.7465

■ 50.8230, -25.0557,
9.8022

■ 31.3200, -15.4408,

5.8584

■ 8.8380, -4.3571,
-2.4889

■ 0.0000, 0.0000,
0.0000

■ 203.6020,
-29.8768, 16.1350

■ 203.6020,
-29.8768, 16.1350

■ 198.7460,
-38.3288, 20.3938

■ 208.4580,
-21.4248, 11.8763

■ 193.3030,
-46.4914, 25.1673

■ 213.9010,
-13.2622, 7.1028

■ 188.3330,
-55.3802, 29.5260

■ 218.8710, -4.3734,
2.7441

■ 182.8900,
-63.5428, 34.2995

■ 224.3140, 3.7892,
-2.0294

■ 178.0340,
-71.9948, 38.5582

■ 229.1700, 12.2412,
-6.2881

■ 172.5910,
-80.1574, 43.3317

■ 232.2190, 11.2310,
-8.9621

■ 170.2770,
-83.9466, 45.3611

■ 234.5670, 10.0735,
-11.0213

■ 237.5020, 8.6265,
-13.5953

■ 239.8500, 7.4690,
-15.6544

Harmonies

Analogous

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



206.2010, -28.2001, 38.4117



203.6020, -29.8768, 16.1350



199.9730, -22.6647, -10.5003

Triad

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



203.6020, -29.8768, 16.1350



189.5960, 25.8352, -73.3137



210.9780, 10.3638, 35.9763

Complementary

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



203.6020, -29.8768, 16.1350



161.3980, 29.8768, -16.1350

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.



209.6030, 22.3807, 8.2412



203.6020, -29.8768, 16.1350



194.7320, 29.7121, -56.7700

Square

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



203.6020, -29.8768, 16.1350



190.8240, 9.9468, -63.8666



202.9040, 25.6833, -24.4718



205.9930, -2.4615, 42.9791

Rectangle

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



203.6020, -29.8768, 16.1350



197.2570, -13.4377, -30.0434



202.9040, 25.6833, -24.4718



210.8890, 15.3377, 27.2843

Sweetspot

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



203.6020, -29.8768, 16.1350



248.2860, -10.4940, 5.8882



168.5590, -4.2196, 46.8678



123.7140, -6.2680, 3.7588



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.



203.6020, -29.8768, 16.1350



229.5460, -41.6812, 22.3232



206.4160, -31.2641, -5.6268



109.5720, -4.2260, 2.1294



134.8040, -66.4584, 36.1289



37.2450, -18.3618, 9.4321

Inverse Universe

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



161.3980, 29.8768, -16.1350



171.0410, 41.3918, -22.8380



158.5840, 31.2641, 5.6268



103.4280, 4.2260, -2.1294



41.1960, 66.4584, -36.1289



11.3420, 18.0724, -9.9469

Previews

White Background



This preview shows how the YUV color 203.6020, -29.8768, 16.1350 looks on a white background.

Color Contrast Check

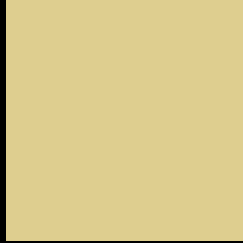
Large Text (above 18pt) WCAG AA × Fail

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 203.6020, -29.8768, 16.1350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

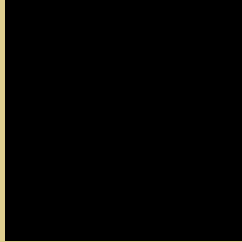
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 203.6020, -29.8768, 16.1350

Background



This preview shows how black text looks on a background with the YUV color 203.6020, -29.8768, 16.1350.

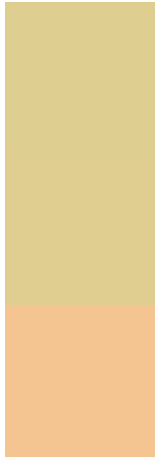


This preview shows how white text looks on a background with the YUV color 203.6020, -29.8768,

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

203.6020, -29.8768, 16.1350

Protanopia

203.9010, -30.0242, 16.7498

Deuteranopia

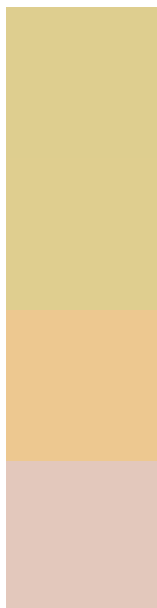
205.4240, -29.7890, 34.7082



Tritanopia

208.6910, 2.1243, 18.6880

Trichromacy



Original Color

203.6020, -29.8768, 16.1350

Protanomaly

203.9010, -30.0242, 16.7498

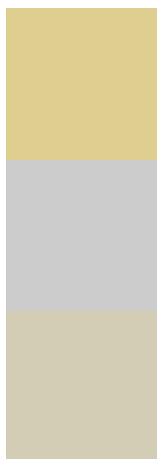
Deuteranomaly

204.6790, -29.9147, 28.3455

Tritanomaly

206.7050, -9.2216, 17.7987

Monochromacy



Original Color

203.6020, -29.8768, 16.1350

Achromatopsia

204.0000, 0.0000, 0.0000

Achromatomaly

204.1720, -10.9308, 5.9882

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.6020, -29.8768, 16.1350 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, 206, 143)` looks like.

```
.text, #text, p{  
    color:rgb(222, 206, 143)  
}
```

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, 206, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 206, 143) }
```

Border

The CSS property to change the border of an element to YUV 203.6020, -29.8768, 16.1350 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, 206, 143) }
```


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

```
.border{ border-color:rgb(222, 206, 143) }
```

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

Here you see how a box with a 4 pixel rgb(222, 206, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 206, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 206, 143);  
box-shadow:4px 4px 4px 4px rgb(222, 206,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 203.6020, -29.8768, 16.1350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 206, 143) }
```

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

```
.background{ background-color: rgb(222,  
206, 143) }
```

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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