

Converting Colors

YUV(155.0280, -29.1008,
47.3334)

Have a look what the booklet for
YUV(155.0280, -29.1008, 47.3334)
contains.

YUV(155.0280, -29.1008, 47.3334)	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(155.0280, -29.1008,
47.3334)**

Conversions

Conversions Part 1

Format	Color
Hex	D18B60
RGB	209, 139, 96
RGB Percent	82%, 55%, 38%
CMY	0.1804, 0.4549, 0.6235
CMYK	0.00, 0.33, 0.54, 0.18
HSL	23°, 55%, 60%
HSV	23°, 54%, 82%
XYZ	37.6384, 32.8651, 15.4262
YIQ	155.0280, 55.5230, 1.4670

Conversions

Conversions Part 2

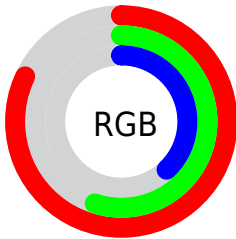
Format	Color
R_{YB}	209, 165, 96
Decimal	13732704
CIE _{Lab}	64.05, 22.12, 33.76
CIE _{LCh}	64, 40.359, 56.763
Yxy	32.8651, 0.4380, 0.3825
Android (android.graphics.Color)	4291922784 (0xFFD18B60)
YUV	155.0280, -29.1008, 47.3334
Hunter-Lab	57.3281, 16.8691, 24.1756

Details

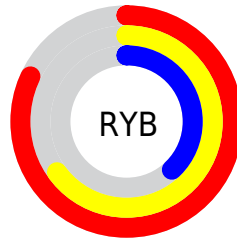
The YUV color **155.0280, -29.1008, 47.3334** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **149.9720, 29.1008, -47.3334**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.2940, -29.2319, 42.7152**, and **102.8640, -27.0480, 42.2153** is the 20% darker color. If you saturate the color by 10%, you get **145.0030, -34.5115, 56.1254**, and if you desaturate by 10%, it is **165.0530, -23.6901, 38.5415**.

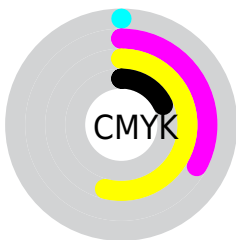
Distribution



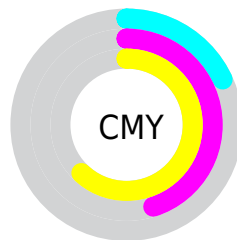
- Red (82%)
- Green (55%)
- Blue (38%)



- Red (82%)
- Yellow (65%)
- Blue (38%)



- Cyan (0%)
- Magenta (33%)
- Yellow (54%)
- Black (18%)



- Cyan (18%)
- Magenta (45%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.0280, -29.1008, 47.3334 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 155.0280, -29.1008, 47.3334 by changing the saturation by 10% instead.

155.0280,
-29.1008, 47.3334

155.0280,
-29.1008, 47.3334

255.0000, 0.0000,
0.0000

128.3590,
-27.7850, 45.2892

206.2940,
-29.2319, 42.7152

102.8640,
-27.0480, 42.2153

225.8080,
-25.5413, 25.6014

77.8960, -25.5847,
39.5562

245.4360,
-21.4139, 8.3876

53.4720, -25.8687,
37.2971

252.1500,
-10.9200, 2.4994

32.3710, -15.9589,
32.1236

12.8570, -6.3385,
26.4354

0.0000, 0.0000,

0.0000

■ 155.0280,
-29.1008, 47.3334

■ 155.0280,
-29.1008, 47.3334

■ 145.0030,
-34.5115, 56.1254

■ 165.0530,
-23.6901, 38.5415

■ 134.9780,
-39.9222, 64.9173

■ 175.0780,
-18.2795, 29.7496

■ 124.9530,
-45.3328, 73.7092

■ 185.1030,
-12.8688, 20.9577

■ 114.9280,
-50.7435, 82.5011

■ 195.1280, -7.4581,
12.1657

■ 109.4510,
-53.9593, 87.3045

■ 205.1530, -2.0474,
3.3738

■ 215.0640, 2.9264,
-5.3181

■ 225.0890, 8.3371,
-14.1101

■ 234.2020, 10.2534,
-22.1022

■ 241.2460, 6.7807,
-28.2797

Harmonies

Analogous

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



156.9490, -15.7509, 58.8037



155.0280, -29.1008, 47.3334



152.6910, -34.8507, 24.8270

Triad

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



155.0280, -29.1008, 47.3334



131.4970, 9.1220, -79.3659



157.0020, 30.5650, -3.5098

Complementary

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



155.0280, -29.1008, 47.3334



149.9720, 29.1008, -47.3334

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.



146.7080, 39.5840, -49.7329



155.0280, -29.1008, 47.3334



123.3420, 30.8904, -108.1709

Square

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



155.0280, -29.1008, 47.3334



143.2840, -14.4370, -36.2061



123.7130, 45.0045, -108.4963



159.7910, 17.3580, 32.6323

Rectangle

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



155.0280, -29.1008, 47.3334



150.2650, -32.1756, 6.7836



123.7130, 45.0045, -108.4963



154.8260, 34.1028, -18.2644

Sweetspot

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



155.0280, -29.1008, 47.3334



235.6510, -10.6739, 16.9691



137.9950, 14.7925, 62.2714



115.7580, -6.2897, 10.7362



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.



155.0280, -29.1008, 47.3334



175.6150, -42.7012, 69.6206



187.3130, -45.0173, 19.0195



99.6370, -2.7790, 4.7034



87.8000, -43.2854, 70.3354



21.6510, -10.6739, 16.9691

Inverse Universe

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



149.9720, 29.1008, -47.3334



168.3850, 42.7012, -69.6206



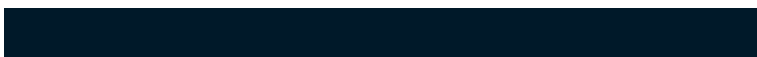
117.6870, 45.0173, -19.0195



99.3630, 2.7790, -4.7034



80.2000, 43.2854, -70.3354



19.3490, 10.6739, -16.9691

Previews

White Background



This preview shows how the YUV color 155.0280, -29.1008, 47.3334 looks on a white background.

Color Contrast Check

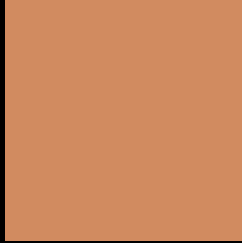
Large Text (above 18pt) WCAG AA × Fail

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 155.0280, -29.1008, 47.3334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

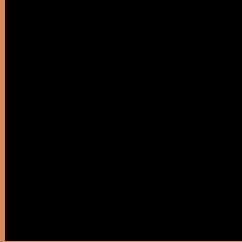
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 155.0280, -29.1008, 47.3334

Background



This preview shows how black text looks on a background with the YUV color 155.0280, -29.1008, 47.3334.



This preview shows how white text looks on a background with the YUV color 155.0280, -29.1008,

47.3334.

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

155.0280, -29.1008, 47.3334

Protanopia

153.7310, -25.5034, 13.3909

Deuteranopia

154.6900, -29.9202, 30.0899



Tritanopia

158.0600, -7.4246, 48.1824

Trichromacy



Original Color

155.0280, -29.1008, 47.3334

Protanomaly

154.4660, -26.8517, 25.9013

Deuteranomaly

154.5490, -29.3577, 36.3525

Tritanomaly

156.9970, -15.2815, 48.2376

Monochromacy



Original Color

155.0280, -29.1008, 47.3334

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

155.0640, -10.3846, 17.4839

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.0280, -29.1008, 47.3334 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(209, 139, 96)` looks like.

```
.text, #text, p{  
    color:rgb(209, 139, 96)  
}
```

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(209, 139, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 139, 96) }
```

Border

The CSS property to change the border of an element to YUV 155.0280, -29.1008, 47.3334 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(209, 139, 96) }
```


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

```
.border{ border-color:rgb(209, 139, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 139, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 139, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 139, 96);  
box-shadow:4px 4px 4px 4px rgb(209, 139,  
96) }
```

Background

The CSS property to change the background color of an element to YUV 155.0280, -29.1008, 47.3334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 139, 96) }
```

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

```
.background{ background-color: rgb(209,  
139, 96) }
```

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