

Converting Colors

YUV(191.0320, -21.7078,
56.0999)

Have a look what the booklet for
YUV(191.0320, -21.7078, 56.0999)
contains.

YUV(191.0320, -21.7078, 56.0999)	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(191.0320, -21.7078,
56.0999)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA793
RGB	255, 167, 147
RGB Percent	100%, 65%, 58%
CMY	0.0000, 0.3451, 0.4235
CMYK	0.00, 0.35, 0.42, 0.00
HSL	11°, 100%, 79%
HSV	11°, 42%, 100%
XYZ	60.3252, 51.0040, 34.2690
YIQ	191.0320, 58.8680, 12.4360

Conversions

Conversions Part 2

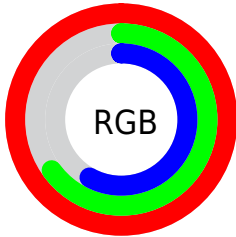
Format	Color
R _Y B	255, 172, 147
Decimal	16754579
CIE Lab	76.68, 30.20, 23.75
CIE LCh	77, 38.423, 38.183
Yxy	51.0040, 0.4143, 0.3503
Android (android.graphics.Color)	4294944659 (0xFFFFA793)
YUV	191.0320, -21.7078, 56.0999
Hunter-Lab	71.4171, 25.7969, 21.5420

Details

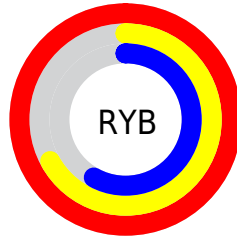
The YUV color **191.0320, -21.7078, 56.0999** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **210.9680, 21.7078, -56.0999**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.0600, -14.3266, 21.8724**, and **136.4660, -19.9497, 52.2113** is the 20% darker color. If you saturate the color by 10%, you get **175.8550, -26.5505, 69.4102**, and if you desaturate by 10%, it is **206.2090, -16.8650, 42.7897**.

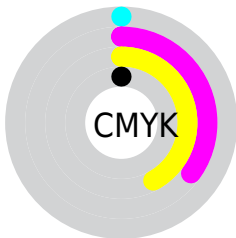
Distribution



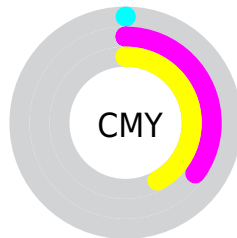
- Red (100%)
- Green (65%)
- Blue (58%)



- Red (100%)
- Yellow (67%)
- Blue (58%)



- Cyan (0%)
- Magenta (35%)
- Yellow (42%)
- Black (0%)



- Cyan (0%)
- Magenta (35%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.0320, -21.7078, 56.0999 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 191.0320, -21.7078, 56.0999 by changing the saturation by 10% instead.

191.0320,
-21.7078, 56.0999

191.0320,
-21.7078, 56.0999

255.0000, 0.0000,
0.0000

163.2490,
-20.8288, 54.1556

230.0600,
-14.3266, 21.8724

136.4660,
-19.9497, 52.2113

250.2750,
-10.4886, 4.1438

110.3840,
-18.9233, 49.6522

84.5300, -17.0233,
46.8932

60.1490, -15.8495,
43.7193

34.6650, -15.1178,
42.3898

17.0430, -8.4022,

35.0423

■ 8.7850, -3.8380,
17.7286

■ 0.0000, 0.0000,
0.0000

■ 191.0320,
-21.7078, 56.0999

■ 191.0320,
-21.7078, 56.0999

■ 175.8550,
-26.5505, 69.4102

■ 206.2090,
-16.8650, 42.7897

■ 160.5640,
-31.8301, 82.8204

■ 221.5000,
-11.5855, 29.3795

■ 145.8600,
-37.3990, 95.7158

■ 236.2040, -6.0166,
16.4841

■ 130.6830,
-42.2417, 109.0260

■ 251.3810, -1.1738,
3.1739

■ 115.3920, 255.0000, 0.0000,
-47.5213, 122.4362 0.0000

■ 103.8340,
-51.1902, 132.5726

Harmonies

Analogous

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



191.9730, -5.4097, 55.2747



191.0320, -21.7078, 56.0999



188.8870, -31.9893, 40.4411

Triad

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



191.0320, -21.7078, 56.0999



175.8680, -6.8369, -47.2422



186.3580, 33.8405, -27.5010

Complementary

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



191.0320, -21.7078, 56.0999



210.9680, 21.7078, -56.0999

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.



175.0600, 38.9174, -69.3356



191.0320, -21.7078, 56.0999



168.2780, 14.6529, -80.0508

Square

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



191.0320, -21.7078, 56.0999



181.7830, -24.5430, -14.7187



164.1030, 33.4732, -96.5603



193.4230, 25.4275, 11.0300

Rectangle

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



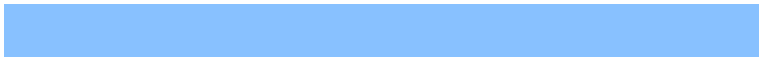
191.0320, -21.7078, 56.0999



186.9190, -33.9771, 24.6270



164.1030, 33.4732, -96.5603



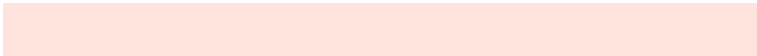
183.0250, 35.4837, -41.2409

Sweetspot

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



191.0320, -21.7078, 56.0999



235.3890, -6.6008, 17.1988



189.3240, 22.5183, 57.5979



115.6270, -4.2531, 10.8511



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.



191.0320, -21.7078, 56.0999



177.9580, -26.1083, 67.5658



222.7300, -37.3349, 28.3008



120.0610, -2.4951, 6.9625



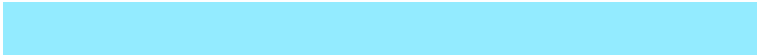
77.6540, -38.2834, 99.4044



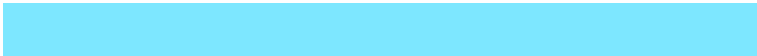
26.1800, -12.9067, 33.1681

Inverse Universe

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



210.9680, 21.7078, -56.0999



202.0420, 26.1083, -67.5658



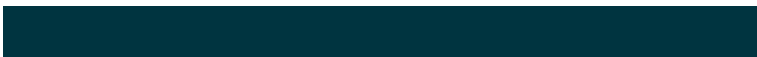
179.2700, 37.3349, -28.3008



122.3520, 2.7845, -6.4477



113.3460, 38.2834, -99.4044



37.8200, 12.9067, -33.1681

Previews

White Background



This preview shows how the YUV color 191.0320, -21.7078, 56.0999 looks on a white background.

Color Contrast Check

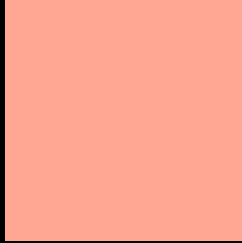
Large Text (above 18pt) WCAG AA × Fail

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 191.0320, -21.7078, 56.0999 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 191.0320, -21.7078, 56.0999

Background



This preview shows how black text looks on a background with the YUV color 191.0320, -21.7078, 56.0999.



This preview shows how white text looks on a background with the YUV color 191.0320, -21.7078,

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

191.0320, -21.7078, 56.0999

Protanopia

188.6410, -15.5990, 9.9618

Deuteranopia

189.9270, -22.6420, 29.0050



Tritanopia

192.5770, -8.1725, 54.7450

Trichromacy



Original Color

191.0320, -21.7078, 56.0999

Protanomaly

189.4690, -17.9792, 26.7757

Deuteranomaly

190.6940, -22.5271, 38.8564

Tritanomaly

191.9100, -13.2666, 55.3299

Monochromacy



Original Color

191.0320, -21.7078, 56.0999

Achromatopsia

191.0000, 0.0000, 0.0000

Achromatomaly

190.7700, -7.7746, 20.3727

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.0320, -21.7078, 56.0999 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(255, 167, 147)` looks like.

```
.text, #text, p{  
    color:rgb(255, 167, 147)  
}
```

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(255, 167, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 167, 147) }
```

Border

The CSS property to change the border of an element to YUV 191.0320, -21.7078, 56.0999 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(255, 167, 147) }
```


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

```
.border{ border-color:rgb(255, 167, 147) }
```

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

Here you see how a box with a 4 pixel rgb(255, 167, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 167, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 167, 147);  
box-shadow:4px 4px 4px 4px rgb(255, 167,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 191.0320, -21.7078, 56.0999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 167, 147) }
```

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

```
.background{ background-color: rgb(255,  
167, 147) }
```

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