

Converting Colors

YUV(202.9320, -16.7285,
45.6636)

Have a look what the booklet for
YUV(202.9320, -16.7285, 45.6636)
contains.

YUV(202.9320, -16.7285, 45.6636)	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(202.9320, -16.7285,
45.6636)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB7A9
RGB	255, 183, 169
RGB Percent	100%, 72%, 66%
CMY	0.0000, 0.2824, 0.3373
CMYK	0.00, 0.28, 0.34, 0.00
HSL	10°, 100%, 83%
HSV	10°, 34%, 100%
XYZ	65.3349, 57.9915, 45.2861
YIQ	202.9320, 47.4060, 10.9100

Conversions

Conversions Part 2

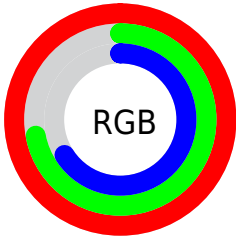
Format	Color
R _Y B	255, 186, 169
Decimal	16758697
CIE Lab	80.73, 24.31, 17.49
CIE LCh	81, 29.953, 35.733
Yxy	57.9915, 0.3875, 0.3439
Android (android.graphics.Color)	4294948777 (0xFFFFB7A9)
YUV	202.9320, -16.7285, 45.6636
Hunter-Lab	76.1522, 19.8781, 18.0480

Details

The YUV color $202.9320, -16.7285, 45.6636$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $221.0680, 16.7285, -45.6636$, and the grayscale version is $203.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $242.0740, -8.9105, 11.3361$, and $148.5510, -15.5546, 42.4898$ is the 20% darker color. If you saturate the color by 10%, you get $187.7550, -21.5712, 58.9739$, and if you desaturate by 10%, it is $218.2230, -11.4489, 32.2534$.

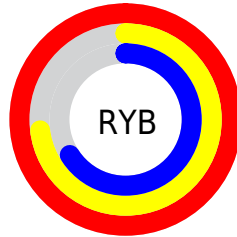
Distribution



Red (100%)

Green (72%)

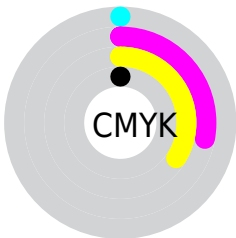
Blue (66%)



Red (100%)

Yellow (73%)

Blue (66%)

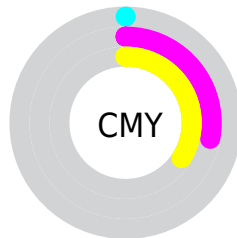


Cyan (0%)

Magenta (28%)

Yellow (34%)

Black (0%)



Cyan (0%)

Magenta (28%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 202.9320, -16.7285, 45.6636 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 202.9320, -16.7285, 45.6636 by changing the saturation by 10% instead.

202.9320,
-16.7285, 45.6636

202.9320,
-16.7285, 45.6636

255.0000, 0.0000,
0.0000

175.1490,
-15.8495, 43.7193

242.0740, -8.9105,
11.3361

148.5510,
-15.5546, 42.4898

254.7720, -0.8736,
0.2000

121.7680,
-14.6756, 40.5455

96.6860, -13.6492,
37.9864

71.9030, -12.7702,
36.0421

48.2340, -11.4544,
33.9978

24.4080, -12.0331,

32.9682

■ 11.7750, -5.3121,
23.8763

■ 0.0000, 0.0000,
0.0000

■ 202.9320,
-16.7285, 45.6636

■ 202.9320,
-16.7285, 45.6636

■ 187.7550,
-21.5712, 58.9739

■ 218.2230,
-11.4489, 32.2534

■ 171.8770,
-26.5614, 72.8989

■ 233.9870, -6.8956,
18.4284

■ 156.7000,
-31.4041, 86.2091

■ 249.2780, -1.6161,
5.0182

■ 141.4090,
-36.6836, 99.6193

■ 255.0000, 0.0000,
0.0000

■ 125.6450,
-41.2370, 113.4443

■ 110.3540,
-46.5165, 126.8545

■ 100.8990,
-49.7432, 135.1466

Harmonies

Analogous

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



204.2490, -4.0668, 44.5086



202.9320, -16.7285, 45.6636



200.9770, -25.1317, 34.2232

Triad

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



202.9320, -16.7285, 45.6636



191.2440, -7.0223, -34.4170



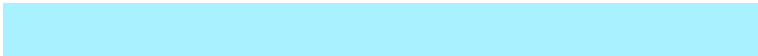
198.7840, 27.7145, -22.6126

Complementary

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



202.9320, -16.7285, 45.6636



221.0680, 16.7285, -45.6636

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.



191.9610, 29.1062, -49.0778



202.9320, -16.7285, 45.6636



187.5370, 8.6093, -54.8449

Square

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



202.9320, -16.7285, 45.6636



195.5540, -20.4861, -9.2559



187.3370, 22.0189, -62.5625



203.5490, 20.9283, 7.4115

Rectangle

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



202.9320, -16.7285, 45.6636



199.4440, -26.8409, 22.4126



187.3370, 22.0189, -62.5625



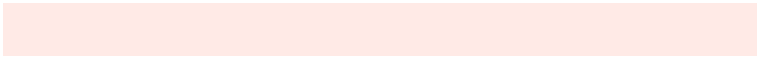
196.6580, 28.7626, -32.1491

Sweetspot

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



202.9320, -16.7285, 45.6636



239.8230, -4.8427, 13.3102



203.0360, 19.2093, 45.5724



118.5450, -3.2267, 8.2920



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.



202.9320, -16.7285, 45.6636



193.4770, -19.9552, 53.9557



227.5860, -28.8829, 24.0421



120.0610, -2.4951, 6.9625



75.3060, -37.1259, 101.4636



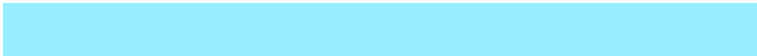
25.0060, -12.3280, 34.1977

Inverse Universe

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



221.0680, 16.7285, -45.6636



214.5230, 19.9552, -53.9557



196.4140, 28.8829, -24.0421



122.3520, 2.7845, -6.4477



115.6940, 37.1259, -101.4636



38.4070, 12.6173, -33.6829

Previews

White Background



This preview shows how the YUV color 202.9320, -16.7285, 45.6636 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 202.9320, -16.7285, 45.6636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

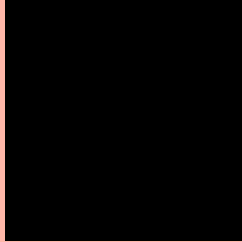
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 202.9320, -16.7285, 45.6636

Background



This preview shows how black text looks on a background with the YUV color 202.9320, -16.7285, 45.6636.



This preview shows how white text looks on a background with the YUV color 202.9320, -16.7285,

45.6636.

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

202.9320, -16.7285, 45.6636

Protanopia

200.4820, -11.0836, 8.3473

Deuteranopia

201.6970, -17.1056, 26.5757



Tritanopia

204.4940, -5.6665, 44.2938

Trichromacy



Original Color

202.9320, -16.7285, 45.6636

Protanomaly

201.4020, -13.0162, 21.5724

Deuteranomaly

201.8550, -16.6905, 33.4532

Tritanomaly

204.0550, -9.8871, 44.6788

Monochromacy



Original Color

202.9320, -16.7285, 45.6636

Achromatopsia

203.0000, 0.0000, 0.0000

Achromatomaly

203.2040, -6.0166, 16.4841

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.9320, -16.7285, 45.6636 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, 183, 169)` looks like.

```
.text, #text, p{  
    color:rgb(255, 183, 169)  
}
```

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, 183, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 183, 169) }
```

Border

The CSS property to change the border of an element to YUV 202.9320, -16.7285, 45.6636 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, 183, 169) }
```


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

```
.border{ border-color:rgb(255, 183, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 183, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 183, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 183, 169); box-shadow:4px 4px 4px 4px rgb(255, 183, 169) }
```

Background

The CSS property to change the background color of an element to YUV 202.9320, -16.7285, 45.6636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 183, 169) }
```

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

```
.background{ background-color: rgb(255,  
183, 169) }
```

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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