

Converting Colors

YUV(202.3620, -18.9125,
46.1635)

Have a look what the booklet for
YUV(202.3620, -18.9125, 46.1635)
contains.

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Color

**YUV(202.3620, -18.9125,
46.1635)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB7A4
RGB	255, 183, 164
RGB Percent	100%, 72%, 64%
CMY	0.0000, 0.2824, 0.3569
CMYK	0.00, 0.28, 0.36, 0.00
HSL	13°, 100%, 82%
HSV	13°, 36%, 100%
XYZ	64.8743, 57.8073, 42.8606
YIQ	202.3620, 49.0110, 9.3550

Conversions

Conversions Part 2

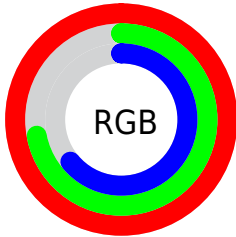
Format	Color
R _Y B	255, 188, 164
Decimal	16758692
CIE Lab	80.63, 23.72, 20.03
CIE LCh	81, 31.043, 40.183
Yxy	57.8073, 0.3919, 0.3492
Android (android.graphics.Color)	4294948772 (0xFFFFB7A4)
YUV	202.3620, -18.9125, 46.1635
Hunter-Lab	76.0311, 19.2525, 19.7985

Details

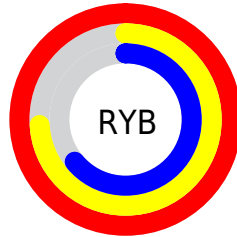
The YUV color $202.3620, -18.9125, 46.1635$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $216.6380, 18.9125, -46.1635$, and the grayscale version is $203.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $241.5040, -11.0945, 11.8360$, and $147.6820, -17.5912, 42.3749$ is the 20% darker color. If you saturate the color by 10%, you get $187.7720, -24.0446, 58.9590$, and if you desaturate by 10%, it is $217.0660, -13.3435, 33.2681$.

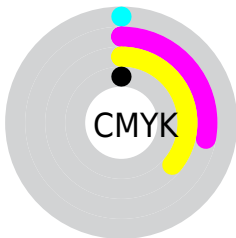
Distribution



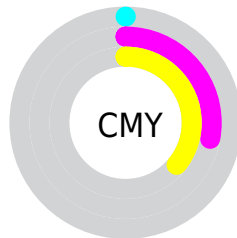
- Red (100%)
- Green (72%)
- Blue (64%)



- Red (100%)
- Yellow (74%)
- Blue (64%)



- Cyan (0%)
- Magenta (28%)
- Yellow (36%)
- Black (0%)



- Cyan (0%)
- Magenta (28%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 202.3620, -18.9125, 46.1635 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 202.3620, -18.9125, 46.1635 by changing the saturation by 10% instead.

202.3620,
-18.9125, 46.1635

202.3620,
-18.9125, 46.1635

255.0000, 0.0000,
0.0000

174.5790,
-18.0334, 44.2192

241.5040,
-11.0945, 11.8360

147.6820,
-17.5912, 42.3749

254.2020, -3.0576,
0.6998

121.3120,
-16.4228, 40.9454

96.1160, -15.8332,
38.4863

71.4470, -14.5174,
36.4420

47.4790, -13.0541,
33.7829

24.1090, -11.8857,

32.3534

■ 11.7750, -5.3121,
23.8763

■ 0.0000, 0.0000,
0.0000

■ 202.3620,
-18.9125, 46.1635

■ 202.3620,
-18.9125, 46.1635

■ 187.7720,
-24.0446, 58.9590

■ 217.0660,
-13.3435, 33.2681

■ 173.0680,
-29.6135, 71.8544

■ 231.6560, -8.2114,
20.4727

■ 157.8910,
-34.4563, 85.1646

■ 246.9470, -2.9319,
7.0625

■ 143.1870,
-40.0252, 98.0600

255.0000, 0.0000,
0.0000

■ 128.4830,
-45.5941, 110.9554

■ 113.8930,
-50.7262, 123.7508

■ 107.3560,
-52.9265, 129.4838

Harmonies

Analogous

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



203.0920, -5.9614, 45.5233



202.3620, -18.9125, 46.1635



200.5100, -26.8734, 32.8787

Triad

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



202.3620, -18.9125, 46.1635



190.0800, -4.9694, -39.5352



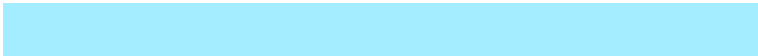
199.1050, 27.5562, -18.5091

Complementary

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



202.3620, -18.9125, 46.1635



216.6380, 18.9125, -46.1635

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.



192.0150, 30.5586, -48.2482



202.3620, -18.9125, 46.1635



185.9000, 11.3883, -59.5483

Square

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



202.3620, -18.9125, 46.1635



194.4610, -19.4543, -13.5593



186.1240, 25.0819, -65.0067



203.7560, 20.3333, 11.6150

Rectangle

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



202.3620, -18.9125, 46.1635



198.4930, -27.8510, 19.7386



186.1240, 25.0819, -65.0067



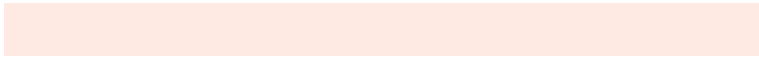
197.2670, 28.4624, -29.1752

Sweetspot

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



202.3620, -18.9125, 46.1635



238.8940, -5.8637, 14.1250



199.5310, 18.4722, 48.6463



117.8440, -3.3741, 8.9068



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.



202.3620, -18.9125, 46.1635



191.3910, -22.8708, 55.7851



228.7770, -31.9351, 22.9976



120.0610, -2.4951, 6.9625



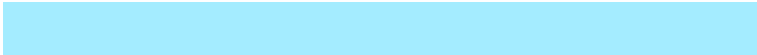
80.5890, -39.7304, 96.8304



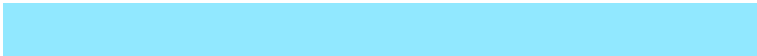
26.7670, -13.1961, 32.6533

Inverse Universe

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



216.6380, 18.9125, -46.1635



208.6090, 22.8708, -55.7851



190.2230, 31.9351, -22.9976



122.3520, 2.7845, -6.4477



110.4110, 39.7304, -96.8304



36.6460, 13.4855, -32.1385

Previews

White Background



This preview shows how the YUV color 202.3620, -18.9125, 46.1635 looks on a white background.

Color Contrast Check

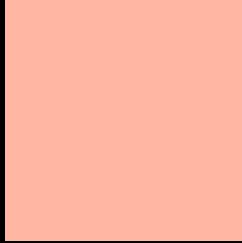
Large Text (above 18pt) WCAG AA × Fail

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 202.3620, -18.9125, 46.1635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

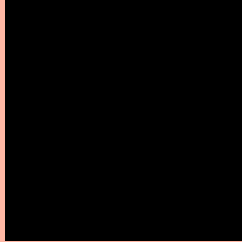
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 202.3620, -18.9125, 46.1635

Background



This preview shows how black text looks on a background with the YUV color 202.3620, -18.9125, 46.1635.



This preview shows how white text looks on a background with the YUV color 202.3620, -18.9125,

46.1635.

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

202.3620, -18.9125, 46.1635

Protanopia

200.0970, -13.8518, 9.5619

Deuteranopia

201.4260, -19.4370, 27.6904



Tritanopia

203.9070, -5.3772, 44.8086

Trichromacy



Original Color

202.3620, -18.9125, 46.1635

Protanomaly

201.0170, -15.7844, 22.7871

Deuteranomaly

201.5840, -19.0219, 34.5678

Tritanomaly

203.2400, -10.4713, 45.3935

Monochromacy



Original Color

202.3620, -18.9125, 46.1635

Achromatopsia

202.0000, 0.0000, 0.0000

Achromatomaly

201.9760, -6.8902, 16.6840

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.3620, -18.9125, 46.1635 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, 164)` looks like.

```
.text, #text, p{  
    color:rgb(255, 183, 164)  
}
```

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, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 183, 164) }
```

Border

The CSS property to change the border of an element to YUV 202.3620, -18.9125, 46.1635 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, 164) }
```


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

```
.border{ border-color:rgb(255, 183, 164) }
```

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, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 183, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 183, 164);  
box-shadow:4px 4px 4px 4px rgb(255, 183,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 202.3620, -18.9125, 46.1635 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, 164) }
```

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

```
.background{ background-color: rgb(255,  
183, 164) }
```

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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