

Converting Colors

YUV(204.7730, -12.2131,
44.0491)

Have a look what the booklet for
YUV(204.7730, -12.2131, 44.0491)
contains.

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Color

**YUV(204.7730, -12.2131,
44.0491)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB8B4
RGB	255, 184, 180
RGB Percent	100%, 72%, 71%
CMY	0.0000, 0.2784, 0.2941
CMYK	0.00, 0.28, 0.29, 0.00
HSL	3°, 100%, 85%
HSV	3°, 29%, 100%
XYZ	66.6187, 58.8363, 51.0254
YIQ	204.7730, 43.6000, 13.8080

Conversions

Conversions Part 2

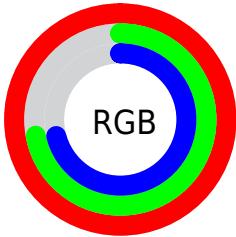
Format	Color
R _Y B	255, 184, 180
Decimal	16758964
CIE Lab	81.20, 25.17, 12.24
CIE LCh	81, 27.989, 25.934
Yxy	58.8363, 0.3775, 0.3334
Android (android.graphics.Color)	4294949044 (0xFFFFB8B4)
YUV	204.7730, -12.2131, 44.0491
Hunter-Lab	76.7048, 20.7952, 14.2526

Details

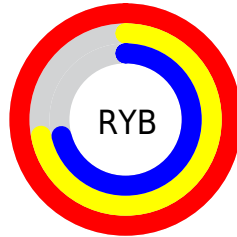
The YUV color **204.7730, -12.2131, 44.0491** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **230.2270, 12.2131, -44.0491**, and the grayscale version is **205.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **244.0290, -3.9583, 9.6216**, and **149.6910, -11.1867, 41.4900** is the 20% darker color. If you saturate the color by 10%, you get **187.8350, -16.1877, 58.9037**, and if you desaturate by 10%, it is **221.8250, -7.8017, 29.0945**.

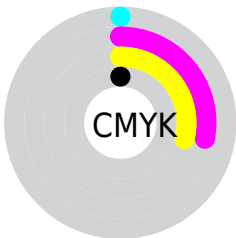
Distribution



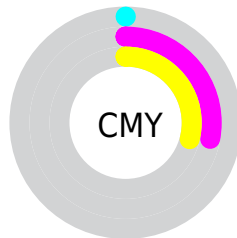
- Red (100%)
- Green (72%)
- Blue (71%)



- Red (100%)
- Yellow (72%)
- Blue (71%)



- Cyan (0%)
- Magenta (28%)
- Yellow (29%)
- Black (0%)





- Cyan (0%)
- Magenta (28%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YUV color 204.7730, -12.2131, 44.0491 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 204.7730, -12.2131, 44.0491 by changing the saturation by 10% instead.

 204.7730,
-12.2131, 44.0491

 204.7730,
-12.2131, 44.0491


255.0000, 0.0000,
0.0000


 177.1750,
-11.9183, 42.8195


 244.0290, -3.9583,
9.6216

 149.6910,
-11.1867, 41.4900

 123.7940,
-10.7444, 39.6457

 98.0110, -9.8654,
37.7014

 73.2280, -8.9864,
35.7570

 50.1460, -7.9600,
33.1980

 25.7760, -6.7916,

31.7684

■ 12.2590, -6.0437,
25.2059

■ 0.0000, 0.0000,
0.0000

■ 204.7730,
-12.2131, 44.0491

■ 204.7730,
-12.2131, 44.0491

■ 187.8350,
-16.1877, 58.9037

■ 221.8250, -7.8017,
29.0945

■ 170.7830,
-20.5990, 73.8583

■ 238.7630, -3.8272,
14.2398

■ 153.8450,
-24.5736, 88.7129

255.0000, 0.0000,
0.0000

■ 136.2060,
-28.6956, 104.1823

■ 119.2680,
-32.6701, 119.0370

■ 102.2160,
-37.0815, 133.9916

■ 85.2780, -41.0561,
148.8462

■ 84.4630, -41.6403,
149.5609

Harmonies

Analogous

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



205.9540, 0.0227, 39.5053



204.7730, -12.2131, 44.0491



202.9110, -21.6481, 36.9121

Triad

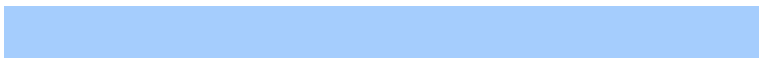
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



204.7730, -12.2131, 44.0491



194.5720, -11.1280, -24.1806



198.5120, 26.8626, -29.3900

Complementary

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



204.7730, -12.2131, 44.0491



230.2270, 12.2131, -44.0491

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.



192.6250, 25.3279, -50.5371



204.7730, -12.2131, 44.0491



191.1100, 2.9038, -44.8235

Square

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



204.7730, -12.2131, 44.0491



197.9680, -21.6762, -0.8489



189.7030, 16.9084, -56.7445



203.5370, 22.4133, -2.2249

Rectangle

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



204.7730, -12.2131, 44.0491



201.6340, -24.9626, 26.6310



189.7030, 16.9084, -56.7445



196.5710, 27.3265, -38.2118

Sweetspot

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



204.7730, -12.2131, 44.0491



239.4640, -3.6798, 13.6251



210.5190, 19.9571, 39.0098



118.0720, -2.5005, 8.7069



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.



204.7730, -12.2131, 44.0491



195.5460, -14.5662, 52.1412



226.4920, -22.9206, 25.0015



118.8870, -1.9163, 7.9921



62.9790, -31.0486, 112.2744



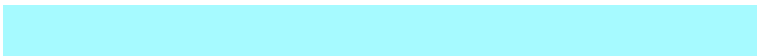
20.8970, -10.3022, 37.8013

Inverse Universe

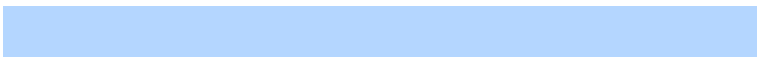
The Inverse Universe completely reimagines the original color for something new.



230.2270, 12.2131, -44.0491



225.4540, 14.5662, -52.1412



208.5080, 22.9206, -25.0015



123.5260, 2.2057, -7.4773



128.0210, 31.0486, -112.2744



42.5160, 10.5916, -37.2865

Previews

White Background



This preview shows how the YUV color 204.7730, -12.2131, 44.0491 looks on a white background.

Color Contrast Check

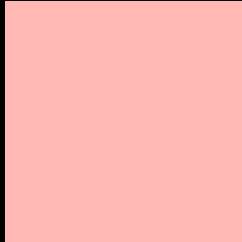
Large Text (above 18pt) WCAG AA × Fail

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 204.7730, -12.2131, 44.0491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

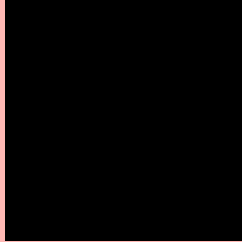
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 204.7730, -12.2131, 44.0491

Background



This preview shows how black text looks on a background with the YUV color 204.7730, -12.2131, 44.0491.



This preview shows how white text looks on a background with the YUV color 204.7730, -12.2131, 44.0491.

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

204.7730, -12.2131, 44.0491

Protanopia

202.0240, -6.4208, 6.1180

Deuteranopia

203.5270, -12.5848, 23.2168



Tritanopia

205.4230, -4.6455, 43.4790

Trichromacy



Original Color

204.7730, -12.2131, 44.0491

Protanomaly

203.2430, -8.5008, 19.9579

Deuteranomaly

203.9840, -12.3171, 30.7090

Tritanomaly

205.3260, -7.5557, 43.5641

Monochromacy



Original Color

204.7730, -12.2131, 44.0491

Achromatopsia

205.0000, 0.0000, 0.0000

Achromatomaly

204.6600, -4.2694, 16.0842

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.7730, -12.2131, 44.0491 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, 184, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 180)  
}
```

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, 184, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 180) }
```

Border

The CSS property to change the border of an element to YUV 204.7730, -12.2131, 44.0491 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, 184, 180) }
```


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

```
.border{ border-color:rgb(255, 184, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 184, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 204.7730, -12.2131, 44.0491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 184, 180) }
```

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

```
.background{ background-color: rgb(255,  
184, 180) }
```

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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