

Converting Colors

YUV(214.6040, -12.6228,
35.4273)

Have a look what the booklet for
YUV(214.6040, -12.6228, 35.4273)
contains.

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Color

**YUV(214.6040, -12.6228,
35.4273)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC7BD
RGB	255, 199, 189
RGB Percent	100%, 78%, 74%
CMY	0.0000, 0.2196, 0.2588
CMYK	0.00, 0.22, 0.26, 0.00
HSL	9°, 100%, 87%
HSV	9°, 26%, 100%
XYZ	70.8487, 65.7810, 57.1070
YIQ	214.6040, 36.5860, 8.7620

Conversions

Conversions Part 2

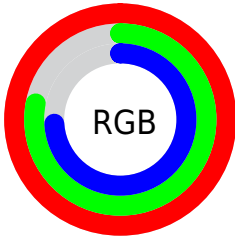
Format	Color
R _Y B	255, 201, 189
Decimal	16762813
CIE Lab	84.88, 18.50, 12.65
CIE LCh	85, 22.414, 34.357
Yxy	65.7810, 0.3657, 0.3395
Android (android.graphics.Color)	4294952893 (0xFFFFC7BD)
YUV	214.6040, -12.6228, 35.4273
Hunter-Lab	81.1055, 13.9920, 15.0273

Details

The YUV color $214.6040, -12.6228, 35.4273$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $229.3960, 12.6228, -35.4273$, and the grayscale version is $215.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.8600, -4.3680, 0.9998$, and $159.5220, -11.5963, 32.8682$ is the 20% darker color. If you saturate the color by 10%, you get $198.8400, -17.1761, 49.2523$, and if you desaturate by 10%, it is $230.4820, -7.6326, 21.5023$.

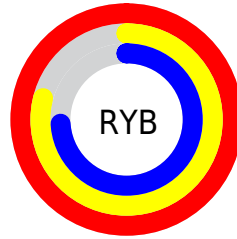
Distribution



Red (100%)

Green (78%)

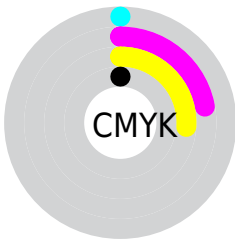
Blue (74%)



Red (100%)

Yellow (79%)

Blue (74%)

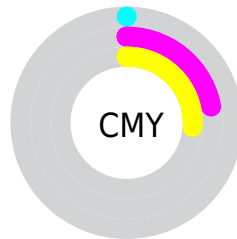


Cyan (0%)

Magenta (22%)

Yellow (26%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.6040, -12.6228, 35.4273 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 214.6040, -12.6228, 35.4273 by changing the saturation by 10% instead.


 214.6040,
-12.6228, 35.4273


 214.6040,
-12.6228, 35.4273


255.0000, 0.0000,
0.0000


 187.0060,
-12.3280, 34.1977


 253.8600, -4.3680,
0.9998

 159.5220,
-11.5963, 32.8682

 132.9240,
-11.3015, 31.6387

 107.4400,
-10.5699, 30.3091

 82.6570, -9.6909,
28.3648

 59.1730, -8.9593,
27.0353

 36.9770, -8.3697,

24.5762

■ 13.7320, -6.7699,
24.7910

■ 0.0000, 0.0000,
0.0000

■ 214.6040,
-12.6228, 35.4273

■ 214.6040,
-12.6228, 35.4273

■ 198.8400,
-17.1761, 49.2523

■ 230.4820, -7.6326,
21.5023

■ 183.5490,
-22.4557, 62.6625

■ 245.6590, -2.7899,
8.1921

■ 167.7850,
-27.0090, 76.4876

255.0000, 0.0000,
0.0000

■ 151.9070,
-31.9992, 90.4126

■ 136.7300,
-36.8419, 103.7228

■ 120.8520,
-41.8320, 117.6478

■ 105.6750,
-46.6748, 130.9580

■ 99.1380, -48.8750,
136.6910

Harmonies

Analogous

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



215.8240, -2.8712, 34.3574



214.6040, -12.6228, 35.4273



213.1270, -19.2896, 27.0756

Triad

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



214.6040, -12.6228, 35.4273



205.5380, -6.1812, -24.1508



211.3950, 21.0043, -17.0094

Complementary

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



214.6040, -12.6228, 35.4273



229.3960, 12.6228, -35.4273

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.



206.8720, 20.7691, -34.9677



214.6040, -12.6228, 35.4273



203.7240, 5.0661, -38.3459

Square

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



214.6040, -12.6228, 35.4273



208.5420, -15.5502, -5.7373



204.0360, 15.2653, -43.0046



214.8600, 15.8450, 4.5078

Rectangle

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



214.6040, -12.6228, 35.4273



211.4310, -20.4255, 18.0390



204.0360, 15.2653, -43.0046



209.8780, 21.7521, -23.5720

Sweetspot

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



214.6040, -12.6228, 35.4273



242.7410, -3.8163, 10.7511



215.1180, 14.7318, 34.9765



120.0610, -2.4951, 6.9625



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.



214.6040, -12.6228, 35.4273



206.6650, -15.1178, 42.3898



233.9750, -22.1727, 18.4389



120.0610, -2.4951, 6.9625



74.1320, -36.5471, 102.4932



25.0060, -12.3280, 34.1977

Inverse Universe

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



229.3960, 12.6228, -35.4273



224.3350, 15.1178, -42.3898



210.0250, 22.1727, -18.4389



122.9390, 2.4951, -6.9625



116.8680, 36.5471, -102.4932



38.9940, 12.3280, -34.1977

Previews

White Background



This preview shows how the YUV color 214.6040, -12.6228, 35.4273 looks on a white background.

Color Contrast Check

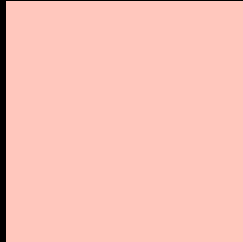
Large Text (above 18pt) WCAG AA × Fail

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 214.6040, -12.6228, 35.4273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

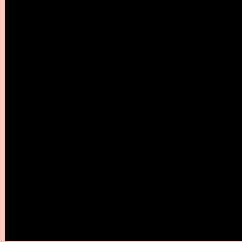
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 214.6040, -12.6228, 35.4273

Background



This preview shows how black text looks on a background with the YUV color 214.6040, -12.6228, 35.4273.



This preview shows how white text looks on a background with the YUV color 214.6040, -12.6228, 35.4273.

35.4273.

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

214.6040, -12.6228, 35.4273

Protanopia

211.9810, -7.8786, 7.0327

Deuteranopia

214.1250, -12.8796, 24.4464



Tritanopia

215.9380, -2.4344, 34.2574

Trichromacy



Original Color

214.6040, -12.6228, 35.4273

Protanomaly

213.1780, -9.9478, 17.3839

Deuteranomaly

214.4460, -13.0379, 28.5499

Tritanomaly

215.6130, -6.2182, 34.5424

Monochromacy



Original Color

214.6040, -12.6228, 35.4273

Achromatopsia

215.0000, 0.0000, 0.0000

Achromatomaly

214.9370, -4.4059, 13.2103

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.6040, -12.6228, 35.4273 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, 199, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 189)  
}
```

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, 199, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 189) }
```

Border

The CSS property to change the border of an element to YUV 214.6040, -12.6228, 35.4273 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, 199, 189) }
```


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

```
.border{ border-color:rgb(255, 199, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 199, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 214.6040, -12.6228, 35.4273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 199, 189) }
```

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

```
.background{ background-color: rgb(255,  
199, 189) }
```

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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