

Converting Colors

YUV(213.7620, -15.6587,
29.1497)

Have a look what the booklet for
YUV(213.7620, -15.6587, 29.1497)
contains.

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Color

**YUV(213.7620, -15.6587,
29.1497)**

Conversions

Conversions Part 1

Format	Color
Hex	F7CBB6
RGB	247, 203, 182
RGB Percent	97%, 80%, 71%
CMY	0.0314, 0.2039, 0.2863
CMYK	0.00, 0.18, 0.26, 0.03
HSL	19°, 80%, 84%
HSV	19°, 26%, 97%
XYZ	68.1572, 65.8634, 53.3766
YIQ	213.7620, 32.9650, 2.7970

Conversions

Conversions Part 2

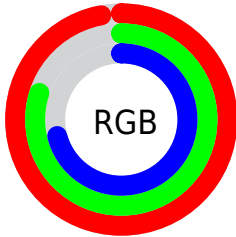
Format	Color
R _Y B	247, 213, 182
Decimal	16239542
CIE Lab	84.93, 12.51, 16.31
CIE LCh	85, 20.556, 52.524
Yxy	65.8634, 0.3637, 0.3515
Android (android.graphics.Color)	4294429622 (0xFFF7CBB6)
YUV	213.7620, -15.6587, 29.1497
Hunter-Lab	81.1563, 7.8855, 17.8143

Details

The YUV color $213.7620, -15.6587, 29.1497$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $215.2380, 15.6587, -29.1497$, and the grayscale version is $214.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.0620, -7.4256, 1.6996$, and $158.9790, -14.7796, 27.2054$ is the 20% darker color. If you saturate the color by 10%, you get $200.9330, -21.6590, 40.4008$, and if you desaturate by 10%, it is $226.5910, -9.6584, 17.8987$.

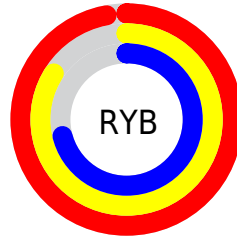
Distribution



Red (97%)

Green (80%)

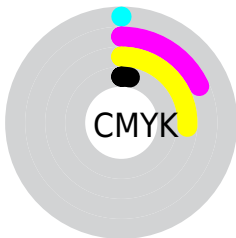
Blue (71%)



Red (97%)

Yellow (84%)

Blue (71%)

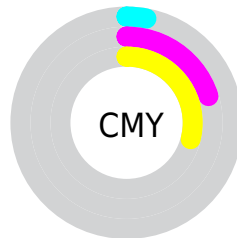


Cyan (0%)

Magenta (18%)

Yellow (26%)

Black (3%)



Cyan (3%)

Magenta (20%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.7620, -15.6587, 29.1497 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 213.7620, -15.6587, 29.1497 by changing the saturation by 10% instead.

213.7620,
-15.6587, 29.1497

213.7620,
-15.6587, 29.1497

255.0000, 0.0000,
0.0000

186.1640,
-15.3639, 27.9202

253.0620, -7.4256,
1.6996

158.9790,
-14.7796, 27.2054

132.4950,
-14.0480, 25.8759

107.0110,
-13.3164, 24.5464

82.5270, -12.5848,
23.2168

59.0430, -11.8532,
21.8873

36.8470, -11.2636,

19.4282

■ 15.1720, -7.4798,
19.1432

■ 0.0000, 0.0000,
0.0000

■ 213.7620,
-15.6587, 29.1497

■ 213.7620,
-15.6587, 29.1497

■ 200.9330,
-21.6590, 40.4008

■ 226.5910, -9.6584,
17.8987

■ 188.8050,
-27.5119, 51.0370

■ 238.7190, -3.8055,
7.2624

■ 175.9760,
-33.5122, 62.2880

■ 251.4340, 1.7580,
-3.8886

■ 163.1470,
-39.5125, 73.5391

■ 252.6080, 1.1793,
-4.9182

■ 150.4320,
-45.0760, 84.6901

■ 138.1900,
-51.3657, 95.4264

■ 125.3610,
-57.3660, 106.6774

■ 120.8130,
-59.5608, 110.6660

Harmonies

Analogous

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



215.0320, -8.3968, 33.2979



213.7620, -15.6587, 29.1497



211.8870, -18.6783, 17.6391

Triad

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



213.7620, -15.6587, 29.1497



205.2150, 0.3870, -30.8836



213.4460, 17.0351, -3.8991

Complementary

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



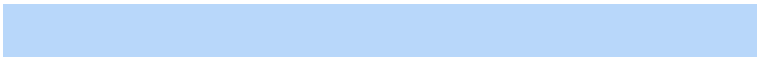
213.7620, -15.6587, 29.1497



215.2380, 15.6587, -29.1497

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.



209.7210, 19.8575, -22.5573



213.7620, -15.6587, 29.1497



204.5050, 10.5970, -39.0309

Square

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



213.7620, -15.6587, 29.1497



207.0830, -9.4079, -15.8588



206.0630, 17.7169, -36.0123



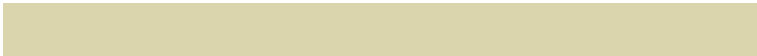
215.7320, 9.9921, 15.1440

Rectangle

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



213.7620, -15.6587, 29.1497



210.3480, -17.9196, 7.5878



206.0630, 17.7169, -36.0123



212.4560, 18.5092, -10.0469

Sweetspot

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



213.7620, -15.6587, 29.1497



244.5020, -4.6845, 9.2067



206.4510, 9.6377, 35.5615



121.2350, -3.0739, 5.9329



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.



213.7620, -15.6587, 29.1497



213.3670, -19.9009, 36.5121



232.5460, -24.9192, 12.6762



115.9360, -2.9264, 5.3181



90.8340, -44.7812, 83.4606



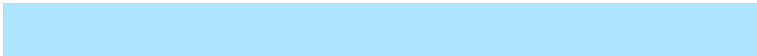
28.7940, -14.1954, 26.4907

Inverse Universe

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



215.2380, 15.6587, -29.1497



215.2200, 19.6115, -37.0269



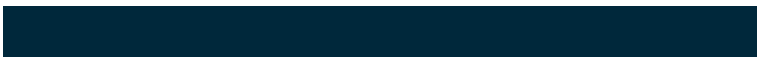
196.4540, 24.9192, -12.6762



116.0640, 2.9264, -5.3181



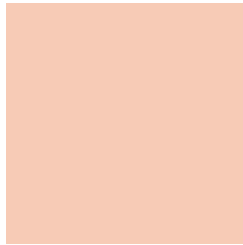
95.1660, 44.7812, -83.4606



30.2060, 14.1954, -26.4907

Previews

White Background



This preview shows how the YUV color 213.7620, -15.6587, 29.1497 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 213.7620, -15.6587, 29.1497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

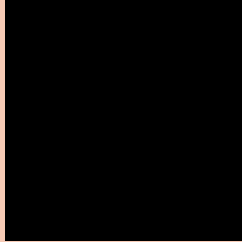
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 213.7620, -15.6587, 29.1497

Background



This preview shows how black text looks on a background with the YUV color 213.7620, -15.6587, 29.1497.



This preview shows how white text looks on a background with the YUV color 213.7620, -15.6587, 29.1497.

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

213.7620, -15.6587, 29.1497

Protanopia

212.0260, -12.8308, 8.7472

Deuteranopia

213.4520, -15.5058, 26.7906



Tritanopia

215.6710, -0.8238, 30.9835

Trichromacy



Original Color

213.7620, -15.6587, 29.1497

Protanomaly

212.8420, -13.7261, 15.9246

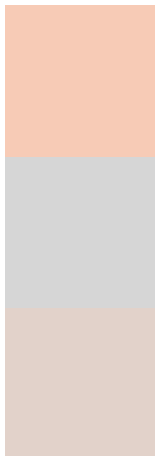
Deuteranomaly

213.7510, -15.6532, 27.4054

Tritanomaly

215.1780, -6.4968, 30.5389

Monochromacy



Original Color

213.7620, -15.6587, 29.1497

Achromatopsia

214.0000, 0.0000, 0.0000

Achromatomaly

213.8720, -5.8529, 10.6363

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.7620, -15.6587, 29.1497 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(247, 203, 182)` looks like.

```
.text, #text, p{  
    color:rgb(247, 203, 182)  
}
```

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(247, 203, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 203, 182) }
```

Border

The CSS property to change the border of an element to YUV 213.7620, -15.6587, 29.1497 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(247, 203, 182) }
```


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

```
.border{ border-color:rgb(247, 203, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 203, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 203, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 203, 182);  
box-shadow:4px 4px 4px 4px rgb(247, 203,  
182) }
```

Background

The CSS property to change the background color of an element to YUV 213.7620, -15.6587, 29.1497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 203, 182) }
```

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

```
.background{ background-color: rgb(247,  
203, 182) }
```

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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