

Converting Colors

YUV(215.6640, 3.1236, 24.8507)

Have a look what the booklet for
YUV(215.6640, 3.1236, 24.8507)
contains.

YUV(215.6640, 3.1236, 24.8507)	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(215.6640, 3.1236,
24.8507)**

Conversions

Conversions Part 1

Format	Color
Hex	F4C8DE
RGB	244, 200, 222
RGB Percent	96%, 78%, 87%
CMY	0.0431, 0.2157, 0.1294
CMYK	0.00, 0.18, 0.09, 0.04
HSL	330°, 67%, 87%
HSV	330°, 18%, 96%
XYZ	71.1473, 65.8156, 78.0610
YIQ	215.6640, 19.1620, 16.1700

Conversions

Conversions Part 2

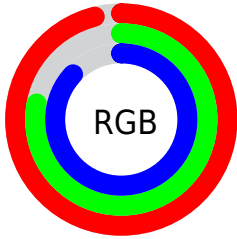
Format	Color
R_{YB}	244, 200, 222
Decimal	16042206
CIE _{Lab}	84.90, 19.06, -5.03
CIE _{LCh}	85, 19.716, 345.215
Yxy	65.8156, 0.3309, 0.3061
Android (android.graphics.Color)	4294232286 (0xFFFF4C8DE)
YUV	215.6640, 3.1236, 24.8507
Hunter-Lab	81.1268, 14.5707, -0.2607

Details

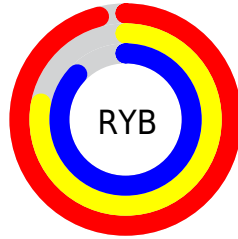
The YUV color $215.6640, 3.1236, 24.8507$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $228.3360, -3.1236, -24.8507$, and the grayscale version is $216.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $160.6530, 3.1291, 23.1063$ is the 20% darker color. If you saturate the color by 10%, you get $200.2080, 4.8275, 38.4056$, and if you desaturate by 10%, it is $231.1200, 1.4198, 11.2958$.

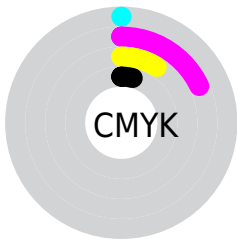
Distribution



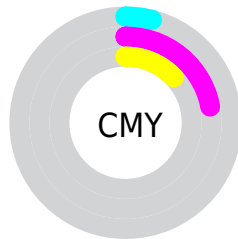
- Red (96%)
- Green (78%)
- Blue (87%)



- Red (96%)
- Yellow (78%)
- Blue (87%)



- Cyan (0%)
- Magenta (18%)
- Yellow (9%)
- Black (4%)




- Cyan (4%)
- Magenta (22%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 215.6640, 3.1236, 24.8507 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 215.6640, 3.1236, 24.8507 by changing the saturation by 10% instead.

 215.6640, 3.1236,
24.8507

 215.6640, 3.1236,
24.8507


255.0000, 0.0000,
0.0000


 187.9520, 2.9817,
23.7211

 160.6530, 3.1291,
23.1063

 134.3540, 3.2765,
22.4915

 108.9410, 2.9871,
21.9767

 84.3430, 3.2819,
20.7472

 60.6310, 3.1399,
19.6176

 38.3320, 3.2873,

19.0028

■ 15.8590, 4.0135,
19.4177

■ 0.0000, 0.0000,
0.0000

■ 215.6640, 3.1236,
24.8507

■ 215.6640, 3.1236,
24.8507

■ 200.2080, 4.8275,
38.4056

■ 231.1200, 1.4198,
11.2958

■ 184.1650, 6.8207,
52.4753

■ 247.1630, -0.5734,
-2.7740

■ 168.5950, 8.0877,
66.1302

■ 251.7110, 1.6215,
-6.7625

■ 152.5520, 10.0809,
80.1999

■ 137.0960, 11.7847,
93.7548

■ 121.6400, 13.4885,
107.3097

■ 105.5970, 15.4817,
121.3794

■ 90.0270, 16.7487,
135.0343

■ 86.8640, 17.3220,
137.8083

Harmonies

Analogous

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



214.7530, 11.4608, 10.7406



215.6640, 3.1236, 24.8507



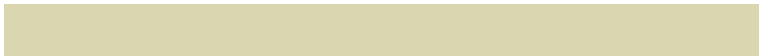
215.0040, -5.9180, 31.5685

Triad

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



215.6640, 3.1236, 24.8507



210.5650, -17.0405, 5.6435



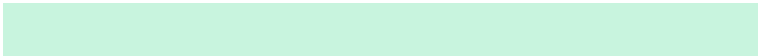
206.1940, 15.6804, -36.1271

Complementary

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



215.6640, 3.1236, 24.8507



228.3360, -3.1236, -24.8507

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.



205.1310, 7.8234, -36.0719



215.6640, 3.1236, 24.8507



207.9480, -11.3134, -11.3554

Square

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



215.6640, 3.1236, 24.8507



212.4250, -17.9575, 19.7983



205.9660, -1.9552, -26.2802



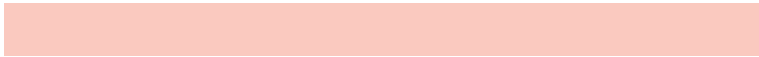
208.7700, 18.8474, -25.2313

Rectangle

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



215.6640, 3.1236, 24.8507



214.5110, -11.5909, 31.1239



205.9660, -1.9552, -26.2802



205.6130, 13.5018, -37.3716

Sweetspot

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



215.6640, 3.1236, 24.8507



246.6850, 1.1413, 7.2923



211.5940, 15.9762, 9.1261



122.8480, 0.5679, 4.5183



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.



215.6640, 3.1236, 24.8507



218.9360, 3.9756, 31.6281



213.1560, -6.4859, 27.0502



114.2720, 0.8519, 6.7775



66.2160, 13.2045, 105.0506



20.9470, 3.9701, 33.3725

Inverse Universe

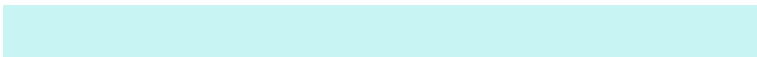
The Inverse Universe completely reimagines the original color for something new.



215.6640, 3.1236, 24.8507



218.9360, 3.9756, 31.6281



230.8440, 6.4859, -27.0502



114.2720, 0.8519, 6.7775



66.2160, 13.2045, 105.0506



20.9470, 3.9701, 33.3725

Previews

White Background



This preview shows how the YUV color 215.6640, 3.1236, 24.8507 looks on a white background.

Color Contrast Check

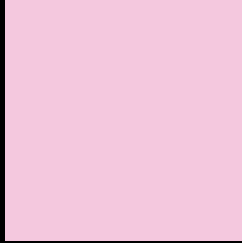
Large Text (above 18pt) WCAG AA × Fail

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 215.6640, 3.1236, 24.8507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

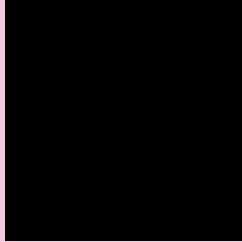
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 215.6640, 3.1236, 24.8507

Background



This preview shows how black text looks on a background with the YUV color 215.6640, 3.1236, 24.8507.



This preview shows how white text looks on a background with the YUV color 215.6640, 3.1236, 24.8507.

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

215.6640, 3.1236, 24.8507

Protanopia

213.0520, 7.8624, -1.7996

Deuteranopia

214.5870, 3.1616, 12.6402



Tritanopia

215.3820, 0.7977, 24.2210

Trichromacy



Original Color

215.6640, 3.1236, 24.8507

Protanomaly

213.9500, 5.9407, 7.9369

Deuteranomaly

214.9080, 3.0034, 16.7437

Tritanomaly

215.6100, 1.6713, 24.0210

Monochromacy



Original Color

215.6640, 3.1236, 24.8507

Achromatopsia

216.0000, 0.0000, 0.0000

Achromatomaly

215.6960, 1.1359, 9.0366

CSS Examples

Text

The CSS property to change the color of the text to YUV 215.6640, 3.1236, 24.8507 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(244, 200, 222)` looks like.

```
.text, #text, p{  
    color:rgb(244, 200, 222)  
}
```

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(244, 200, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 200, 222) }
```

Border

The CSS property to change the border of an element to YUV 215.6640, 3.1236, 24.8507 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(244, 200, 222) }
```


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

```
.border{ border-color:rgb(244, 200, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 200, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 200, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 200, 222);  
box-shadow:4px 4px 4px 4px rgb(244, 200,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 215.6640, 3.1236, 24.8507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 200, 222) }
```

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

```
.background{ background-color: rgb(244,  
200, 222) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor