

Converting Colors

YUV(204.5640, -25.4211,
33.7084)

Have a look what the booklet for
YUV(204.5640, -25.4211, 33.7084)
contains.

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Color

**YUV(204.5640, -25.4211,
33.7084)**

Conversions

Conversions Part 1

Format	Color
Hex	F3C399
RGB	243, 195, 153
RGB Percent	95%, 76%, 60%
CMY	0.0471, 0.2353, 0.4000
CMYK	0.00, 0.20, 0.37, 0.05
HSL	28°, 79%, 78%
HSV	28°, 37%, 95%
XYZ	62.2270, 60.3848, 38.5127
YIQ	204.5640, 42.0900, -2.8860

Conversions

Conversions Part 2

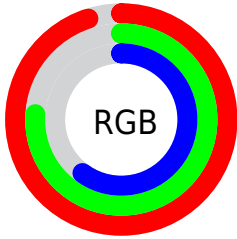
Format	Color
R_{YB}	243, 232, 153
Decimal	15975321
CIE _{Lab}	82.05, 11.54, 27.60
CIE _{LCh}	82, 29.921, 67.305
Yxy	60.3848, 0.3862, 0.3748
Android (android.graphics.Color)	4294165401 (0xFFFF3C399)
YUV	204.5640, -25.4211, 33.7084
Hunter-Lab	77.7077, 6.9515, 25.0106

Details

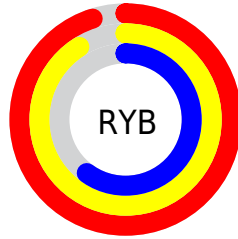
The YUV color $204.5640, -25.4211, 33.7084$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $191.4360, 25.4211, -33.7084$, and the grayscale version is $205.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.8810, -19.6613, 6.2434$, and $149.7100, -23.5210, 30.9493$ is the 20% darker color. If you saturate the color by 10%, you get $194.1970, -32.1421, 42.8002$, and if you desaturate by 10%, it is $214.9310, -18.7000, 24.6165$.

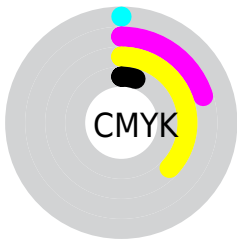
Distribution



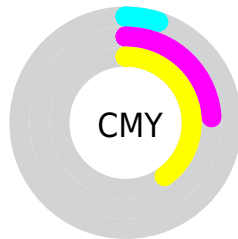
- Red (95%)
- Green (76%)
- Blue (60%)



- Red (95%)
- Yellow (91%)
- Blue (60%)



- Cyan (0%)
- Magenta (20%)
- Yellow (37%)
- Black (5%)



- Cyan (5%)
- Magenta (24%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.5640, -25.4211, 33.7084 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 204.5640, -25.4211, 33.7084 by changing the saturation by 10% instead.

204.5640,
-25.4211, 33.7084

204.5640,
-25.4211, 33.7084

255.0000, 0.0000,
0.0000

177.0800,
-24.6894, 32.3788

247.8810,
-19.6613, 6.2434

149.7100,
-23.5210, 30.9493

252.8340, -8.2992,
1.8996

123.8130,
-23.0788, 29.1050

98.4430, -21.9104,
27.6755

74.3610, -20.8840,
25.1164

50.7630, -20.5892,
23.8868

29.9350, -14.7580,

20.2280

■ 8.6710, -4.2748,
17.8285

■ 0.0000, 0.0000,
0.0000

■ 204.5640,
-25.4211, 33.7084

■ 204.5640,
-25.4211, 33.7084

■ 194.1970,
-32.1421, 42.8002

■ 214.9310,
-18.7000, 24.6165

■ 183.7160,
-39.3000, 51.9921

■ 225.4120,
-11.5421, 15.4247

■ 173.3490,
-46.0211, 61.0839

■ 235.7790, -4.8210,
6.3328

■ 162.9820,
-52.7421, 70.1758

■ 246.1460, 1.9000,
-2.7590

■ 152.5010,
-59.9000, 79.3676

■ 251.4120, 1.7689,
-7.3773

■ 142.1340,
-66.6211, 88.4595

■ 138.9880,
-68.5211, 91.2185

Harmonies

Analogous

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



205.5080, -17.0124, 43.4045



204.5640, -25.4211, 33.7084



201.8020, -26.5244, 14.2056

Triad

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



204.5640, -25.4211, 33.7084



191.3520, 9.1935, -55.5597



207.1470, 20.6335, 8.6411

Complementary

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



204.5640, -25.4211, 33.7084



191.4360, 25.4211, -33.7084

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.



202.3390, 25.9619, -20.4683



204.5640, -25.4211, 33.7084



191.1630, 22.5976, -61.5330

Square

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



204.5640, -25.4211, 33.7084



194.7600, -6.2907, -35.7465



196.2600, 28.9588, -48.4630



208.5000, 8.6275, 32.8875

Rectangle

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



204.5640, -25.4211, 33.7084



199.7290, -22.5444, -2.3933



196.2600, 28.9588, -48.4630



206.4770, 23.4288, -1.2953

Sweetspot

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



204.5640, -25.4211, 33.7084



243.0030, -7.8895, 10.5214



185.3820, 7.6997, 50.5310



120.7790, -4.8210, 6.3328



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.



204.5640, -25.4211, 33.7084



207.0120, -31.5579, 42.0855



230.9790, -38.4436, 10.5424



117.1100, -3.5052, 4.2885



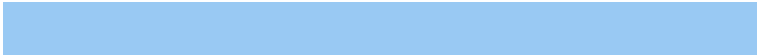
106.6830, -52.5947, 69.5610



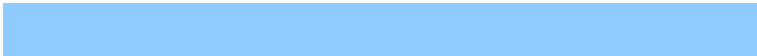
33.4900, -16.5106, 22.3723

Inverse Universe

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



191.4360, 25.4211, -33.7084



190.9880, 31.5579, -42.0855



165.0210, 38.4436, -10.5424



115.4770, 3.2158, -4.8033



79.3170, 52.5947, -69.5610



24.9230, 16.8000, -21.8575

Previews

White Background



This preview shows how the YUV color 204.5640, -25.4211, 33.7084 looks on a white background.

Color Contrast Check

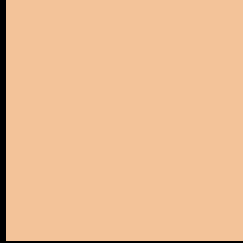
Large Text (above 18pt) WCAG AA × Fail

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 204.5640, -25.4211, 33.7084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

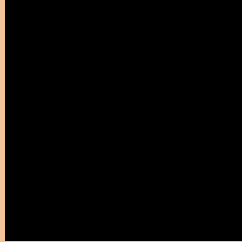
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 204.5640, -25.4211, 33.7084

Background



This preview shows how black text looks on a background with the YUV color 204.5640, -25.4211, 33.7084.



This preview shows how white text looks on a background with the YUV color 204.5640, -25.4211, 33.7084.

33.7084.

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

204.5640, -25.4211, 33.7084

Protanopia

202.8280, -22.5932, 13.3058

Deuteranopia

204.5530, -25.4156, 31.9640



Tritanopia

207.6500, -2.2924, 35.3870

Trichromacy



Original Color

204.5640, -25.4211, 33.7084

Protanomaly

203.6440, -23.4885, 20.4832

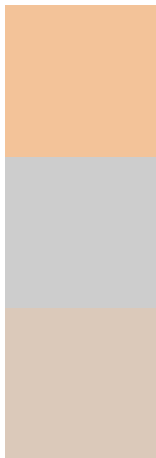
Deuteranomaly

204.8520, -25.5630, 32.5788

Tritanomaly

206.7610, -10.7282, 34.4126

Monochromacy



Original Color

204.5640, -25.4211, 33.7084

Achromatopsia

205.0000, 0.0000, 0.0000

Achromatomaly

204.6720, -9.2053, 12.5657

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.5640, -25.4211, 33.7084 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(243, 195, 153)` looks like.

```
.text, #text, p{  
    color:rgb(243, 195, 153)  
}
```

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(243, 195, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 195, 153) }
```

Border

The CSS property to change the border of an element to YUV 204.5640, -25.4211, 33.7084 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(243, 195, 153) }
```


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

```
.border{ border-color:rgb(243, 195, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 195, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 195, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 195, 153);  
box-shadow:4px 4px 4px 4px rgb(243, 195,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 204.5640, -25.4211, 33.7084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 195, 153) }
```

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

```
.background{ background-color: rgb(243,  
195, 153) }
```

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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