

Converting Colors

YUV(233.3620, -9.0525,
10.2065)

Have a look what the booklet for
YUV(233.3620, -9.0525, 10.2065)
contains.

YUV(233.3620, -9.0525, 10.2065)	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(233.3620, -9.0525,
10.2065)**

Conversions

Conversions Part 1

Format	Color
Hex	F5E7D7
RGB	245, 231, 215
RGB Percent	96%, 91%, 84%
CMY	0.0392, 0.0941, 0.1569
CMYK	0.00, 0.06, 0.12, 0.04
HSL	32°, 60%, 90%
HSV	32°, 12%, 96%
XYZ	78.4978, 81.4706, 75.8781
YIQ	233.3620, 13.4800, -2.0080

Conversions

Conversions Part 2

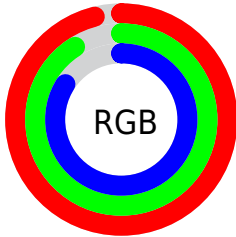
Format	Color
R _Y B	241, 245, 215
Decimal	16115671
CIE Lab	92.34, 2.13, 9.48
CIE LCh	92, 9.714, 77.357
Yxy	81.4706, 0.3328, 0.3454
Android (android.graphics.Color)	4294305751 (0xFFFF5E7D7)
YUV	233.3620, -9.0525, 10.2065
Hunter-Lab	90.2611, -2.7198, 13.3405

Details

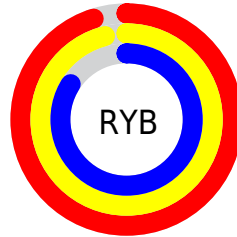
The YUV color $233.3620, -9.0525, 10.2065$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $226.6380, 9.0525, -10.2065$, and the grayscale version is $233.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $177.4760, -8.6157, 10.1065$ is the 20% darker color. If you saturate the color by 10%, you get $224.1690, -16.3523, 18.2688$, and if you desaturate by 10%, it is $242.6690, -1.3158, 2.0443$.

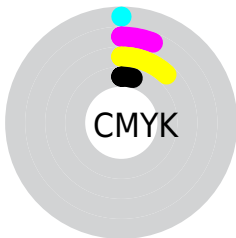
Distribution



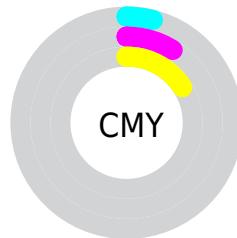
- Red (96%)
- Green (91%)
- Blue (84%)



- Red (95%)
- Yellow (96%)
- Blue (84%)



- Cyan (0%)
- Magenta (6%)
- Yellow (12%)
- Black (4%)



- Cyan (4%)
- Magenta (9%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 233.3620, -9.0525, 10.2065 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 233.3620, -9.0525, 10.2065 by changing the saturation by 10% instead.

233.3620, -9.0525,
10.2065

233.3620, -9.0525,
10.2065

255.0000, 0.0000,
0.0000

205.0630, -8.9051,
9.5917

177.4760, -8.6157,
10.1065

151.1770, -8.4683,
9.4918

124.9920, -7.8841,
8.7770

100.1060, -7.4473,
8.6770

75.8070, -7.2999,
8.0623

53.5080, -7.1524,

7.4475

■ 32.3230, -6.5682,
6.7327

■ 8.6050, -4.2423,
7.3624

■ 233.3620, -9.0525,
10.2065

■ 233.3620, -9.0525,
10.2065

■ 224.1690,
-16.3523, 18.2688

■ 242.6690, -1.3158,
2.0443

■ 214.2750,
-23.7996, 26.9458

■ 251.4230, 1.7635,
-5.6330

■ 205.0820,
-31.0994, 35.0081

■ 252.0100, 1.4741,
-6.1478

■ 195.1880,
-38.5467, 43.6851

■ 185.9950,
-45.8465, 51.7474

■ 176.1010,
-53.2938, 60.4244

■ 166.9080,
-60.5936, 68.4867

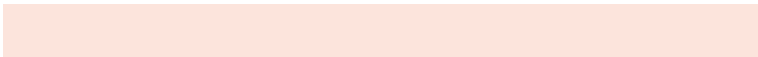
■ 157.6010,
-68.3303, 76.6489

■ 150.1520,
-74.0249, 83.1817

Harmonies

Analogous

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



234.2640, -7.0322, 15.5545



233.3620, -9.0525, 10.2065



232.1330, -8.4466, 2.5144

Triad

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



233.3620, -9.0525, 10.2065



230.2150, 3.8380, -17.7286



234.5260, 5.6567, 5.6777

Complementary

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



233.3620, -9.0525, 10.2065



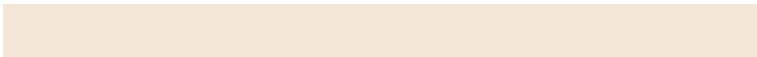
226.6380, 9.0525, -10.2065

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.



233.5680, 8.5940, -3.1291



233.3620, -9.0525, 10.2065



230.5510, 7.6164, -16.2692

Square

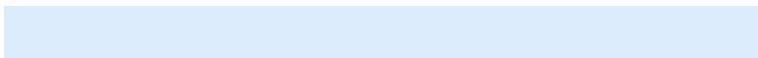
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



233.3620, -9.0525, 10.2065



230.0970, -0.5408, -13.2401



232.0400, 9.3473, -11.4361



235.0170, 0.9776, 13.1401

Rectangle

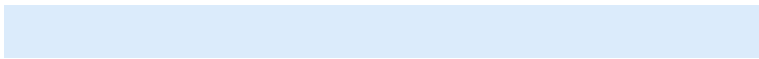
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



233.3620, -9.0525, 10.2065



231.5560, -6.6831, -3.1186



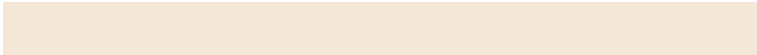
232.0400, 9.3473, -11.4361



234.4440, 6.6831, 3.1186

Sweetspot

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



233.3620, -9.0525, 10.2065



250.9250, -2.9210, 3.5738



225.5660, 1.6930, 17.0436



125.4410, -2.1894, 2.2442



0.0000, 0.0000, 0.0000



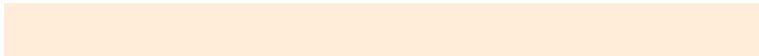
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



233.3620, -9.0525, 10.2065



240.1020, -11.3893, 13.0655



241.5800, -13.1039, 2.9993



117.6970, -3.7946, 3.7737



113.7270, -56.0674, 63.3834



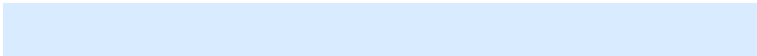
35.8380, -17.6681, 20.3131

Inverse Universe

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



226.6380, 9.0525, -10.2065



231.8980, 11.3893, -13.0655



218.7190, 12.9565, -2.3846



114.8900, 3.5052, -4.2885



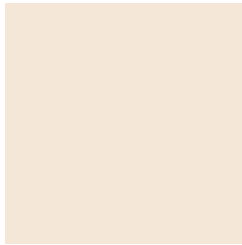
72.2730, 56.0674, -63.3834



22.5750, 17.9575, -19.7983

Previews

White Background



This preview shows how the YUV color 233.3620, -9.0525, 10.2065 looks on a white background.

Color Contrast Check

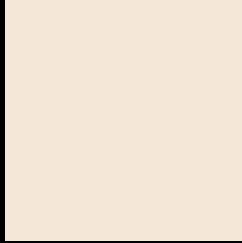
Large Text (above 18pt) WCAG AA × Fail

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 233.3620, -9.0525, 10.2065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

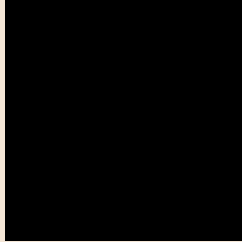
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 233.3620, -9.0525, 10.2065

Background



This preview shows how black text looks on a background with the YUV color 233.3620, -9.0525, 10.2065.

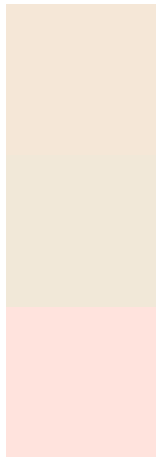


This preview shows how white text looks on a background with the YUV color 233.3620, -9.0525,

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

233.3620, -9.0525, 10.2065

Protanopia

232.8670, -8.3154, 7.1326

Deuteranopia

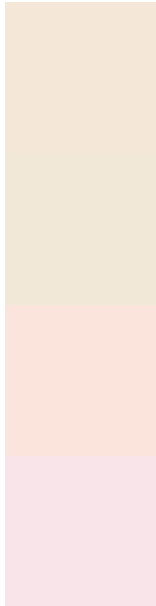
234.6880, -6.7482, 17.8136



Tritanopia

235.5160, 4.1826, 11.8255

Trichromacy



Original Color

233.3620, -9.0525, 10.2065

Protanomaly

233.1660, -8.4628, 7.7474

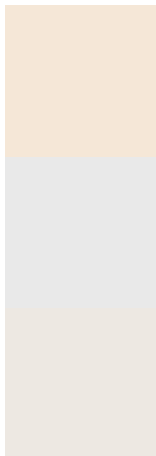
Deuteranomaly

233.8510, -7.3215, 15.0397

Tritanomaly

234.5500, -0.7642, 11.7956

Monochromacy



Original Color

233.3620, -9.0525, 10.2065

Achromatopsia

233.0000, 0.0000, 0.0000

Achromatomaly

232.8110, -3.3578, 3.6738

CSS Examples

Text

The CSS property to change the color of the text to YUV 233.3620, -9.0525, 10.2065 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(245, 231, 215)` looks like.

```
.text, #text, p{  
    color:rgb(245, 231, 215)  
}
```

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(245, 231, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 231, 215) }
```

Border

The CSS property to change the border of an element to YUV 233.3620, -9.0525, 10.2065 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(245, 231, 215) }
```


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

```
.border{ border-color:rgb(245, 231, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 231, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 231, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 231, 215);  
box-shadow:4px 4px 4px 4px rgb(245, 231,  
215) }
```

Background

The CSS property to change the background color of an element to YUV 233.3620, -9.0525, 10.2065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 231, 215) }
```

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

```
.background{ background-color: rgb(245,  
231, 215) }
```

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