Converting Colors

YUV(245.6110, -26.9232, 2.0952)

Have a look what the booklet for YUV(245.6110, -26.9232, 2.0952) contains.

YUV(245.6110, -26.9232, 2.0952) 3
- ***Conversions*** 4
- ***Details*** 6
- ***Harmonies*** 12
- ***Previews*** 24
- ***Color Blindness Simulation*** 28
- ***CSS Examples*** 31

Color

YUV(245.6110, -26.9232, 2.0952)

Conversions

Conversions Part 1

Format	Color
Hex	F8FFBF
RGB	248, 255, 191
RGB Percent	97%, 100%, 75%
CMY	0.0275, 0.0000, 0.2510
CMYK	0.03, 0.00, 0.25, 0.00
HSL	67°, 100%, 87%
HSV	67°, 25%, 100%
XYZ	83.8754, 95.2380, 63.2523
YIQ	245.6110, 16.3720, -21.3880

Conversions

Conversions Part 2

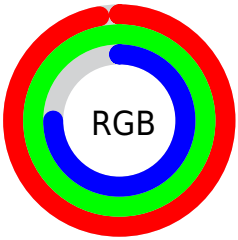
Format	Color
RYB	191, 255, 198
Decimal	16318399
CIELab	98.13, -12.35, 29.89
CIELCh	98, 32.343, 112.439
Yxy	95.2380, 0.3461, 0.3930
Android (android.graphics.Color)	4294508479 (0xFFF8FFBF)
YUV	245.6110, -26.9232, 2.0952
Hunter-Lab	97.5900, -17.3676, 29.8846

Details

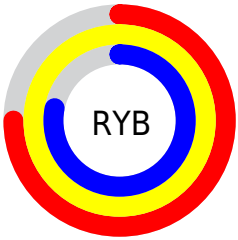
The YUV color 245.6110, -26.9232, 2.0952 is a light color, and the websafe version is hex FFFFCC. A complement of this color would be 200.3890, 26.9232, -2.0952, and the grayscale version is 246.0000, 0.0000, 0.0000.

A 20% lighter version of the original color is 254.2020, -3.0576, 0.6998, and 188.9530, -25.6128, 1.7952 is the 20% darker color. If you saturate the color by 10%, you get 241.8640, -37.4010, 2.7503, and if you desaturate by 10%, it is 249.4720, -16.0087, 1.3401.

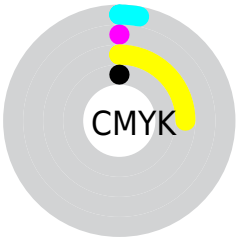
Distribution



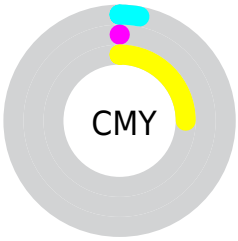
- Red (97%)
- Green (100%)
- Blue (75%)



- Red (75%)
- Yellow (100%)
- Blue (78%)



- Cyan (3%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)



- Cyan (3%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 245.6110, -26.9232, 2.0952 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 245.6110, -26.9232, 2.0952 by changing the saturation by 10% instead.

245.6110, -26.9232, 2.0952

255.0000, 0.0000, 0.0000

254.2020, -3.0576, 0.6998

245.6110, -26.9232, 2.0952

216.8390, -26.0496, 1.8952

188.9530, -25.6128, 1.7952

162.0670, -25.1760, 1.6952

135.8820, -24.5918, 0.9805

110.1100, -23.7182, 0.7805

85.3380, -22.8446, 0.5806

61.7400, -22.5498,

-0.6490

39.8370, -19.6396, -0.7340

20.3230, -10.0192, -6.4223

245.6110, -26.9232, 2.0952

241.8640, -37.4010, 2.7503

238.0030, -48.3155, 3.5054

234.5550, -58.9406, 4.7753

230.6940, -69.8551, 5.5304

245.6110, -26.9232, 2.0952

249.4720, -16.0087, 1.3401

253.2190, -5.5310, 0.6849

255.0000, 0.0000, 0.0000

226.9470,
-80.3329, 6.1855

223.0860,
-91.2474, 6.9406

219.3390,
-101.7251, 7.5957

217.5580,
-107.2561, 8.2806

Harmonies

Analogous

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

241.4920, -26.3716, 11.8465

245.6110, -26.9232, 2.0952

237.0130, -13.3174, -21.9364

Triad

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

245.6110, -26.9232, 2.0952

228.6880, 12.9718, -54.1004

239.1510, 7.8136, 13.8996

Complementary

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

245.6110, -26.9232, 2.0952

200.3890, 26.9232, -2.0952

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.

242.6730, 6.0772, 10.8108

245.6110, -26.9232, 2.0952

238.5550, 8.1074, -33.8127

Square

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

245.6110, -26.9232, 2.0952

226.2960, 14.1511, -59.0186

245.2540, 4.8048, -1.0998

235.9590, -4.4168, 16.6990

Rectangle

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

245.6110, -26.9232, 2.0952

232.4160, -1.1911, -38.0758

245.2540, 4.8048, -1.0998

239.7380, 7.5242, 13.3848

Sweetspot

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

245.6110, -26.9232, 2.0952

252.1220, -8.4411, 0.7700

213.6580, -11.1704, 36.2569

125.9200, -5.3836, 0.0702

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.

245.6110, -26.9232, 2.0952

243.9440, -32.0174, 2.6801

236.3420, -22.3536, -16.9629

125.9200, -5.3836, 0.0702

162.9470, -80.3329, 6.1855

54.6110, -26.9232, 2.0952

Inverse Universe

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

200.3890, 26.9232, -2.0952

190.0560, 32.0174, -2.6801

209.6580, 22.3536, 16.9629

116.7810, 5.5310, -0.6849

28.0530, 80.3329, -6.1855

9.3890, 26.9232, -2.0952

Previews

White Background

This preview shows how the YUV color 245.6110, -26.9232, 2.0952 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 245.6110, -26.9232, 2.0952 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 245.6110, -26.9232, 2.0952

Background

This preview shows how black text looks on a background with the YUV color 245.6110, -26.9232, 2.0952.

This preview shows how white text looks on a background with the YUV color 245.6110, -26.9232,

2.0952.

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
245.6110, -26.9232, 2.0952

Protanopia
248.9700, -7.8732, 5.2883

Deuteranopia
249.6370, -2.7790, 4.7034

Tritanopia
249.9940, 2.4680, 1.7593

Trichromacy

Original Color
245.6110, -26.9232, 2.0952

Protanomaly
247.5370, -14.5617, 3.9141

Deuteranomaly
248.3350, -11.5042, 3.2142

Tritanomaly
248.8340, -8.2992, 1.8996

Monochromacy

Original Color
245.6110, -26.9232, 2.0952

Achromatopsia
246.0000, 0.0000, 0.0000

Achromatomaly
245.7800, -9.7515, 1.0699

CSS Examples

Text

The CSS property to change the color of the text to YUV 245.6110, -26.9232, 2.0952 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(248, 255, 191) looks like.

```
.text, #text, p{
    color:rgb(248, 255, 191)
}
```

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(248, 255, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 255, 191) }
```

Border

The CSS property to change the border of an element to YUV 245.6110, -26.9232, 2.0952 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(248, 255, 191) }
```

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

```
.border{ border-color:rgb(248, 255, 191) }
```

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

Here you see how a box with a 4 pixel rgb(248, 255, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(248, 255, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(248, 255, 191); box-shadow:4px 4px 4px 4px rgb(248, 255, 191) }
```

Background

The CSS property to change the background color of an element to YUV 245.6110, -26.9232, 2.0952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(248, 255, 191) }
```

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

```
.background{ background-color:rgb(248, 255, 191) }
```

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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