

Converting Colors

YUV(253.2560, -1.6052, 1.5295)

Have a look what the booklet for
YUV(253.2560, -1.6052, 1.5295)
contains.

YUV(253.2560, -1.6052, 1.5295)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	22
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

**YUV(253.2560, -1.6052,
1.5295)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFDFA
RGB	255, 253, 250
RGB Percent	100%, 99%, 98%
CMY	0.0000, 0.0078, 0.0196
CMYK	0.00, 0.01, 0.02, 0.00
HSL	36°, 100%, 99%
HSV	36°, 2%, 100%
XYZ	93.6206, 98.4127, 104.5037
YIQ	253.2560, 2.1550, -0.5090

Conversions

Conversions Part 2

Format	Color
R _Y B	253, 255, 250
Decimal	16776698
CIE Lab	99.38, 0.15, 1.65
CIE LCh	99, 1.661, 84.963
Yxy	98.4127, 0.3157, 0.3319
Android (android.graphics.Color)	4294966778 (0xFFFFDFA)
YUV	253.2560, -1.6052, 1.5295
Hunter-Lab	99.2032, -5.1505, 6.9843

Details

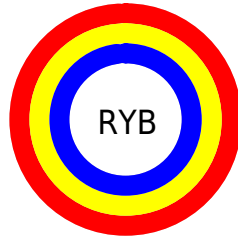
The YUV color 253.2560, -1.6052, 1.5295 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 251.7440, 1.6052, -1.5295, and the grayscale version is 253.0000, 0.0000, 0.0000.

A 20% lighter version of the original color is 255.0000, 0.0000, 0.0000, and 196.3700, -1.1684, 1.4295 is the 20% darker color. If you saturate the color by 10%, you get 244.5360, -9.6312, 9.1769, and if you desaturate by 10%, it is 255.0000, 0.0000, 0.0000.

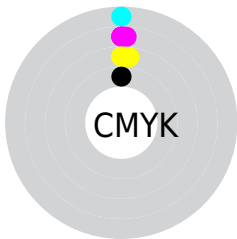
Distribution



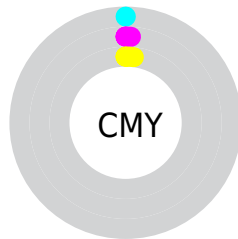
- Red (100%)
- Green (99%)
- Blue (98%)



- Red (99%)
- Yellow (100%)
- Blue (98%)



- Cyan (0%)
- Magenta (1%)
- Yellow (2%)
- Black (0%)



- Cyan (0%)
- Magenta (1%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 253.2560, -1.6052, 1.5295 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 253.2560, -1.6052, 1.5295 by changing the saturation by 10% instead.

 253.2560, -1.6052,
1.5295

 253.2560, -1.6052,
1.5295

255.0000, 0.0000,
0.0000


 224.2560, -1.6052,
1.5295

 196.3700, -1.1684,
1.4295

 169.2560, -1.6052,
1.5295

 143.2560, -1.6052,
1.5295

 117.3700, -1.1684,
1.4295

 92.9570, -1.4578,
0.9147

 69.3700, -1.1684,

1.4295

■ 47.0710, -1.0210,
0.8147

■ 26.0710, -1.0210,
0.8147

■ 253.2560, -1.6052,
1.5295

■ 253.2560, -1.6052,
1.5295

■ 244.5360, -9.6312,
9.1769

255.0000, 0.0000,
0.0000

■ 235.7020,
-18.0941, 16.9243

■ 226.3950,
-25.8307, 25.0866

■ 217.5610,
-34.2936, 32.8340

■ 208.7270,
-42.7564, 40.5814

■ 200.0070,
-50.7825, 48.2289

■ 191.1730,
-59.2453, 55.9763

■ 181.8660,
-66.9819, 64.1385

■ 173.0320,
-75.4448, 71.8859

Harmonies

Analogous

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

253.3700, -1.1684, 1.4295

253.2560, -1.6052, 1.5295

253.2450, -1.5998, -0.2149

Triad

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



253.2560, -1.6052, 1.5295



252.5050, 0.7370, -3.0739



253.2390, 0.8682, 1.5444

Complementary

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



253.2560, -1.6052, 1.5295



251.7440, 1.6052, -1.5295

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.



253.2280, 0.8736, -0.2000



253.2560, -1.6052, 1.5295



252.9180, 1.0264, -2.5591

Square

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



253.2560, -1.6052, 1.5295



252.6900, 0.1528, -2.3591



252.6300, 1.1684, -1.4295



253.1250, 0.4314, 1.6444

Rectangle

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



253.2560, -1.6052, 1.5295



253.0600, -1.0156, -0.9296



252.6300, 1.1684, -1.4295



253.8260, 0.5788, 1.0296

Sweetspot

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



253.2560, -1.6052, 1.5295



254.0710, -1.0210, 0.8147



251.7230, 0.1366, 2.8739



127.1850, -0.5842, 0.7148



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.



253.2560, -1.6052, 1.5295



254.4300, -2.1840, 0.4999



126.4840, -0.7316, 1.3295



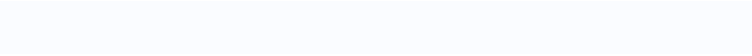
124.6140, -61.4347, 58.2205



41.4420, -20.4309, 19.7834

Inverse Universe

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



251.7440, 1.6052, -1.5295



250.8690, 2.0366, 0.1149



125.9290, 1.0210, -0.8147



66.3860, 61.4347, -58.2205



21.9710, 20.7203, -19.2686

Previews

White Background



This preview shows how the YUV color 253,2560,-1,6052,1,5295 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 253.2560, -1.6052, 1.5295 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

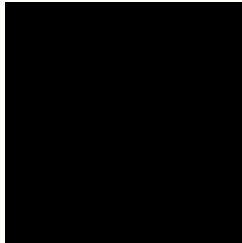
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 253.2560, -1.6052, 1.5295

Background



This preview shows how black text looks on a background with the YUV color 253.2560, -1.6052, 1.5295.



This preview shows how white text looks on a background with the YUV color 253.2560, -1.6052, 1.5295.

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

253.2560, -1.6052, 1.5295

Protanopia

253.4840, -0.7316, 1.3295

Deuteranopia

253.5980, -0.2948, 1.2296

Tritanopia

253.5270, 0.7262, 0.4148

Trichromacy

Original Color

253.2560, -1.6052, 1.5295

Protanomaly

253.3700, -1.1684, 1.4295

Deuteranomaly

253.4840, -0.7316, 1.3295

Tritanomaly

253.2990, -0.1474, 0.6148

Monochromacy

Original Color

253.2560, -1.6052, 1.5295

Achromatopsia

253.0000, 0.0000, 0.0000

Achromatomaly

253.1850, -0.5842, 0.7148

CSS Examples

Text

The CSS property to change the color of the text to YUV 253.2560, -1.6052, 1.5295 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(255, 253, 250)` looks like.

```
.text, #text, p{  
    color:rgb(255, 253, 250)  
}
```

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(255, 253, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 253, 250) }
```

Border

The CSS property to change the border of an element to YUV 253.2560, -1.6052, 1.5295 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(255, 253, 250) }
```

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

```
.border{ border-color:rgb(255, 253, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 253, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 253, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 253, 250);  
box-shadow:4px 4px 4px 4px rgb(255, 253,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 253.2560, -1.6052, 1.5295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 253, 250) }
```

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

```
.background{ background-color: rgb(255,  
253, 250) }
```

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