

Converting Colors

YUV(25.3420, -12.0006,
22.5021)

Have a look what the booklet for
YUV(25.3420, -12.0006, 22.5021)
contains.

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Color

**YUV(25.3420, -12.0006,
22.5021)**

Conversions

Conversions Part 1

Format	Color
Hex	331101
RGB	51, 17, 1
RGB Percent	20%, 7%, 0%
CMY	0.8000, 0.9333, 0.9961
CMYK	0.00, 0.67, 0.98, 0.80
HSL	19°, 96%, 10%
HSV	19°, 98%, 20%
XYZ	1.5712, 1.1069, 0.1596
YIQ	25.3420, 25.4000, 2.2320

Conversions

Conversions Part 2

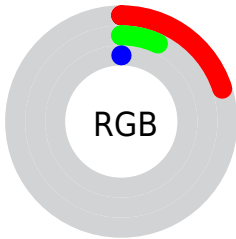
Format	Color
R_YB	51, 25, 1
Decimal	3346689
CIE Lab	9.85, 15.94, 14.70
CIE LCh	10, 21.685, 42.693
Yxy	1.1069, 0.5537, 0.3901
Android (android.graphics.Color)	4281536769 (0xFF331101)
YUV	25.3420, -12.0006, 22.5021
Hunter-Lab	10.5209, 8.2452, 6.4655

Details

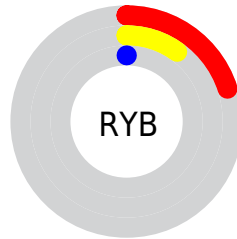
The YUV color **25.3420, -12.0006, 22.5021** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **26.6580, 12.0006, -22.5021**, and the grayscale version is **25.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **70.5920, -11.1379, 25.7908**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **24.6410, -12.1480, 23.1168**, and if you desaturate by 10%, it is **27.6730, -10.6848, 20.4578**.

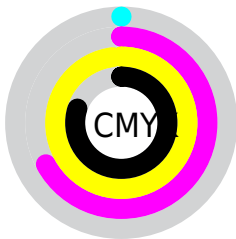
Distribution



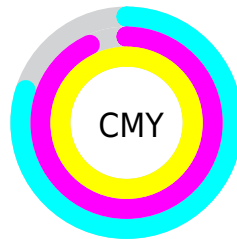
- Red (20%)
- Green (7%)
- Blue (0%)



- Red (20%)
- Yellow (10%)
- Blue (0%)



- Cyan (0%)
- Magenta (67%)
- Yellow (98%)
- Black (80%)



- Cyan (80%)
- Magenta (93%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 25.3420, -12.0006, 22.5021 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 25.3420, -12.0006, 22.5021 by changing the saturation by 10% instead.

■ 25.3420, -12.0006,
22.5021

■ 25.3420, -12.0006,
22.5021

■ 244.7640, -8.7577,
8.9770

■ 8.7850, -3.8380,
17.7286

■ 70.5920, -11.1379,
25.7908

■ 0.0000, 0.0000,
0.0000

■ 95.0760, -11.8695,
27.1203


■ 119.8590,
-12.7485, 29.0647


■ 145.4570,
-13.0433, 30.2942


■ 172.6420,
-13.6275, 31.0090


■ 200.1260,


-14.3591, 32.3385


 225.1360,
-12.8850, 26.1907


 25.3420, -12.0006,
22.5021


 25.3420, -12.0006,
22.5021


 24.6410, -12.1480,
23.1168

 27.6730, -10.6848,
20.4578

 30.5910, -9.6584,
17.8987

 32.9220, -8.3425,
15.8544

 35.8400, -7.3161,
13.2953

 38.1710, -6.0003,
11.2510

■ 41.2030, -4.5371,
8.5920

■ 43.5340, -3.2213,
6.5477

■ 46.4520, -2.1948,
3.9886

■ 48.7830, -0.8790,
1.9443

Harmonies

Analogous

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



25.9860, -1.9651, 23.6913



25.3420, -12.0006, 22.5021



26.0590, -12.8471, 13.9803

Triad

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



25.3420, -12.0006, 22.5021



21.8960, -2.4137, -19.2028



24.6250, 15.4679, -14.5801

Complementary

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



25.3420, -12.0006, 22.5021



26.6580, 12.0006, -22.5021

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.



24.4670, 15.0528, -21.4576



25.3420, -12.0006, 22.5021



24.3070, 4.2856, -21.3172

Square

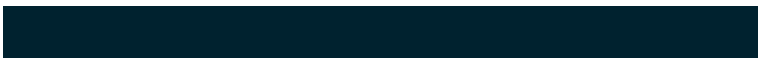
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



25.3420, -12.0006, 22.5021



22.9700, -11.3242, -7.8667



25.3160, 10.6902, -22.2021



28.0900, 10.3086, 6.9371

Rectangle

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



25.3420, -12.0006, 22.5021



26.0150, -12.8254, 7.0028



25.3160, 10.6902, -22.2021



22.8200, 16.3577, -20.0131

Sweetspot

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



25.3420, -12.0006, 22.5021



56.2030, -4.5371, 8.5920



19.8260, 7.4808, 27.3396



27.0500, -2.4896, 5.2182



161.0000, 0.0000, 0.0000



33.0000, 0.0000, 0.0000

Same Dimension

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



25.3420, -12.0006, 22.5021



32.0610, -15.8061, 29.7645



40.0170, -19.2354, 9.6321



24.4840, -0.7316, 1.3295



43.6340, -21.5116, 39.7860



105.3860, -51.9553, 97.8855

Inverse Universe

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



26.6580, 12.0006, -22.5021



33.9390, 15.8061, -29.7645



11.9830, 19.2354, -9.6321



24.5160, 0.7316, -1.3295



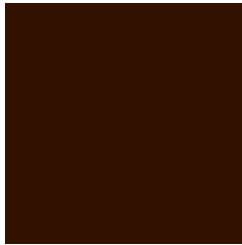
45.9530, 21.2222, -40.3008



111.0270, 52.2447, -97.3707

Previews

White Background



This preview shows how the YUV color 25.3420, -12.0006, 22.5021 looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

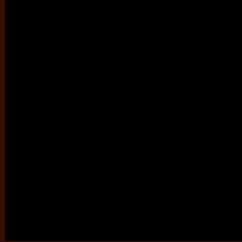
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 25.3420, -12.0006, 22.5021

Background



This preview shows how black text looks on a background with the YUV color 25.3420, -12.0006, 22.5021.

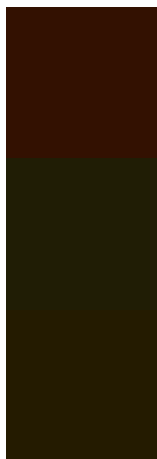


This preview shows how white text looks on a background with the YUV color 25.3420, -12.0006,

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

25.3420, -12.0006, 22.5021

Protanopia

27.1610, -10.9254, 4.2438

Deuteranopia

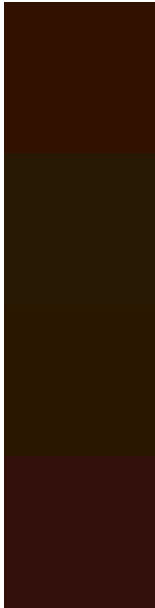
26.6130, -13.1202, 8.2324



Tritanopia

26.5790, -4.7224, 21.4172

Trichromacy



Original Color

25.3420, -12.0006, 22.5021

Protanomaly

26.7920, -11.2365, 10.7064

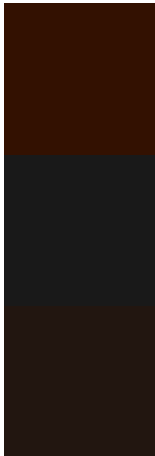
Deuteranomaly

25.7600, -12.6997, 13.3655

Tritanomaly

25.8950, -7.3432, 22.0171

Monochromacy



Original Color

25.3420, -12.0006, 22.5021

Achromatopsia

25.0000, 0.0000, 0.0000

Achromatomaly

24.9040, -4.3897, 7.9772

CSS Examples

Text

The CSS property to change the color of the text to YUV 25.3420, -12.0006, 22.5021 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(51, 17, 1)` looks like.

```
.text, #text, p{  
    color:rgb(51, 17, 1)  
}
```

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(51, 17, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 17, 1) }
```

Border

The CSS property to change the border of an element to YUV 25.3420, -12.0006, 22.5021 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(51, 17, 1) }
```


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

```
.border{ border-color:rgb(51, 17, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 17, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 17, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(51, 17, 1); box-shadow:4px  
4px 4px 4px rgb(51, 17, 1) }
```

Background

The CSS property to change the background color of an element to YUV 25.3420, -12.0006, 22.5021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 17, 1) }
```

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

```
.background{ background-color: rgb(51, 17,  
1) }
```

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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