

Converting Colors

YUV(35.2450, -5.0508, -13.3699)

Have a look what the booklet for
YUV(35.2450, -5.0508, -13.3699)
contains.

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Color

**YUV(35.2450, -5.0508,
-13.3699)**

Conversions

Conversions Part 1

Format	Color
Hex	142D19
RGB	20, 45, 25
RGB Percent	8%, 18%, 10%
CMY	0.9216, 0.8235, 0.9020
CMYK	0.56, 0.00, 0.44, 0.82
HSL	132°, 38%, 13%
HSV	132°, 56%, 18%
XYZ	1.4023, 2.0957, 1.2503
YIQ	35.2450, -8.4800, -11.5200

Conversions

Conversions Part 2

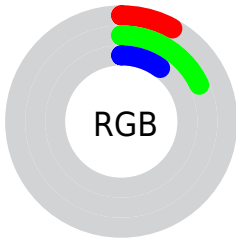
Format	Color
R_{YB}	20, 41, 45
Decimal	1322265
CIE Lab	15.98, -15.22, 10.02
CIE LCh	16, 18.220, 146.640
Yxy	2.0957, 0.2953, 0.4414
Android (android.graphics.Color)	4279512345 (0xFF142D19)
YUV	35.2450, -5.0508, -13.3699
Hunter-Lab	14.4765, -8.0424, 5.0128

Details

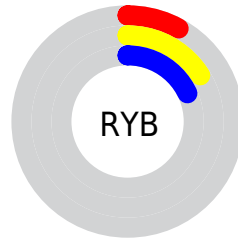
The YUV color **35.2450, -5.0508, -13.3699** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **29.7550, 5.0508, 13.3699**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **80.3050, -6.0664, -14.2995**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **33.5930, -6.2083, -15.4291**, and if you desaturate by 10%, it is **37.1960, -4.0406, -10.6959**.

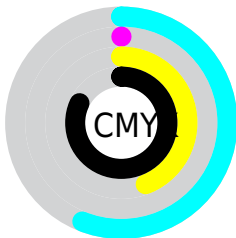
Distribution



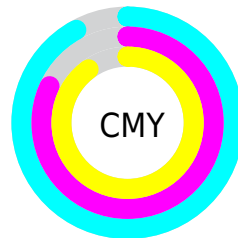
- Red (8%)
- Green (18%)
- Blue (10%)



- Red (8%)
- Yellow (16%)
- Blue (18%)



- Cyan (56%)
- Magenta (0%)
- Yellow (44%)
- Black (82%)



- Cyan (92%)
- Magenta (82%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 35.2450, -5.0508, -13.3699 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 35.2450, -5.0508, -13.3699 by changing the saturation by 10% instead.

■ 35.2450, -5.0508,
-13.3699

■ 35.2450, -5.0508,
-13.3699

■ 252.8640, -0.4260,
-3.3887

■ 14.6750, -7.2348,
-12.8700

■ 80.3050, -6.0664,
-14.2995

■ 0.0000, 0.0000,
0.0000

■ 104.8920, -6.3558,
-14.8143

■ 129.7780, -6.7926,
-14.7143

■ 156.3650, -7.0819,
-15.2291

■ 182.9520, -7.3713,
-15.7439

■ 210.6530, -7.2239,

-16.3587

■ 239.2400, -7.5133,
-16.8735

■ 35.2450, -5.0508,
-13.3699

■ 35.2450, -5.0508,
-13.3699

■ 33.5930, -6.2083,
-15.4291

■ 37.1960, -4.0406,
-10.6959

■ 31.7560, -6.7817,
-18.2030

■ 38.7340, -3.3199,
-8.5367

■ 29.8050, -7.7919,
-20.8770

■ 40.6850, -2.3097,
-5.8627

■ 28.2670, -8.5126,
-23.0362

■ 42.2230, -1.5889,
-3.7036

■ 27.4410, -9.0914,
-24.0658

■ 44.1740, -0.5788,
-1.0296

■ 45.8260, 0.5788,
1.0296

■ 47.6630, 1.1521,
3.8035

■ 49.3150, 2.3097,
5.8627

■ 51.1520, 2.8831,
8.6367

Harmonies

Analogous

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



37.1280, -10.9091, -0.9893



35.2450, -5.0508, -13.3699



31.3340, 3.2863, -27.4799

Triad

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



35.2450, -5.0508, -13.3699



35.9510, 14.3212, -20.1280



40.0520, -5.4486, 21.0024

Complementary

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



35.2450, -5.0508, -13.3699



29.7550, 5.0508, 13.3699

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.



40.6480, 0.6665, 19.6027



35.2450, -5.0508, -13.3699



40.2630, 11.2093, -1.9847

Square

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



35.2450, -5.0508, -13.3699



33.3690, 13.6221, -29.2646



41.0860, 6.3666, 11.3256



39.6510, -10.6739, 16.9691

Rectangle

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



35.2450, -5.0508, -13.3699



32.3600, 7.2175, -28.3797



41.0860, 6.3666, 11.3256



39.9210, -3.4121, 21.1173

Sweetspot

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



35.2450, -5.0508, -13.3699



55.0980, -2.0203, -5.3479



40.6550, -10.1829, -0.5744



28.3370, -1.1521, -3.8035



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000

Same Dimension

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



35.2450, -5.0508, -13.3699



43.3920, -8.0813, -21.3918



36.7270, 0.6276, -14.6696



22.1740, -0.5788, -1.0296



53.0070, -17.7515, -46.4871



130.5200, -43.1474, -114.4660

Inverse Universe

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



29.7550, 5.0508, 13.3699



34.6080, 8.0813, 21.3918



28.3870, -0.1908, 14.5696



21.7120, 0.1420, 1.1296



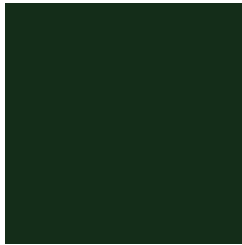
33.8790, 17.3147, 46.5871



83.4800, 43.1474, 114.4660

Previews

White Background



This preview shows how the YUV color 35.2450, -5.0508, -13.3699 looks on a white background.

Color Contrast Check

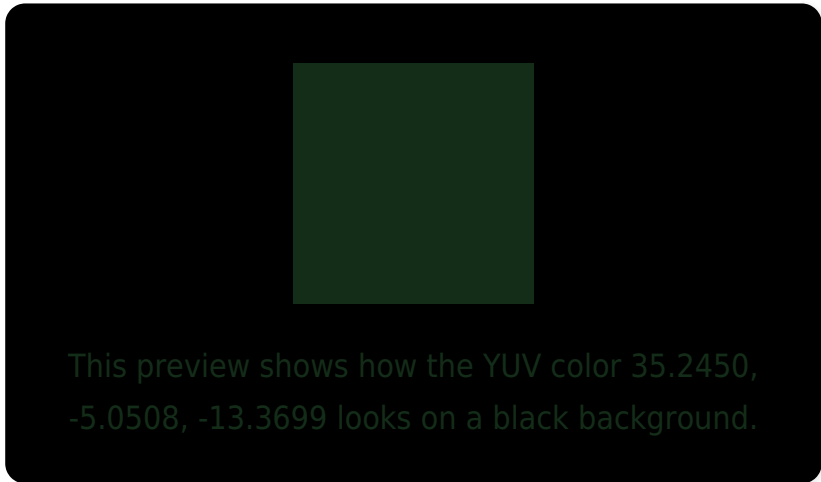
Large Text (above 18pt) WCAG AA ✓ Pass

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

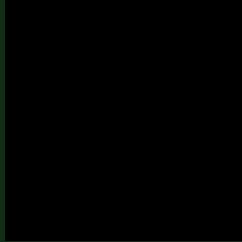
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 35.2450, -5.0508, -13.3699

Background



This preview shows how black text looks on a background with the YUV color 35.2450, -5.0508, -13.3699.



This preview shows how white text looks on a background with the YUV color 35.2450, -5.0508,

-13.3699.

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

35.2450, -5.0508, -13.3699

Protanopia

39.2580, -8.0152, 4.1587

Deuteranopia

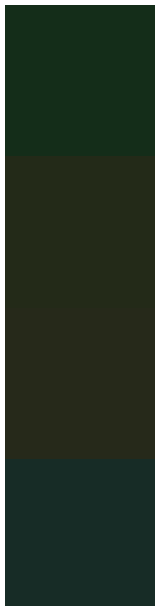
39.7360, -6.2788, 7.2475



Tritanopia

37.9600, 3.9637, -11.3659

Trichromacy



Original Color

35.2450, -5.0508, -13.3699

Protanomaly

37.8550, -6.8305, -2.5038

Deuteranomaly

38.3930, -6.1097, -0.3447

Tritanomaly

37.0370, 0.4748, -12.3104

Monochromacy



Original Color

35.2450, -5.0508, -13.3699

Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

35.3970, -2.1677, -4.7332

CSS Examples

Text

The CSS property to change the color of the text to YUV 35.2450, -5.0508, -13.3699 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(20, 45, 25)` looks like.

```
.text, #text, p{  
    color:rgb(20, 45, 25)  
}
```

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(20, 45, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 45, 25) }
```

Border

The CSS property to change the border of an element to YUV 35.2450, -5.0508, -13.3699 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(20, 45, 25) }
```


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

```
.border{ border-color:rgb(20, 45, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 45, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 45, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 45, 25);  
box-shadow:4px 4px 4px 4px rgb(20, 45, 25)  
}
```

Background

The CSS property to change the background color of an element to YUV 35.2450, -5.0508, -13.3699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 45, 25) }
```

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

```
.background{ background-color: rgb(20, 45,  
25) }
```

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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