

Converting Colors

YUV(65.5780, -10.1450,
-12.7849)

Have a look what the booklet for
YUV(65.5780, -10.1450, -12.7849)
contains.

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Color

**YUV(65.5780, -10.1450,
-12.7849)**

Conversions

Conversions Part 1

Format	Color
Hex	334D2D
RGB	51, 77, 45
RGB Percent	20%, 30%, 18%
CMY	0.8000, 0.6980, 0.8235
CMYK	0.34, 0.00, 0.42, 0.70
HSL	109°, 26%, 24%
HSV	109°, 42%, 30%
XYZ	4.4928, 6.2010, 3.4427
YIQ	65.5780, -5.2240, -15.4640

Conversions

Conversions Part 2

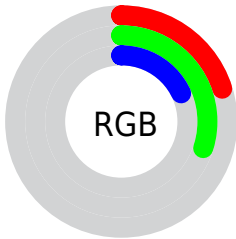
Format	Color
RYB	45, 77, 71
Decimal	3362093
CIELab	29.91, -17.12, 15.92
CIELCh	30, 23.378, 137.082
Yxy	6.2010, 0.3178, 0.4387
Android (android.graphics.Color)	4281552173 (0xFF334D2D)
YUV	65.5780, -10.1450, -12.7849
Hunter-Lab	24.9019, -11.3734, 9.2343

Details

The YUV color **65.5780, -10.1450, -12.7849** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **56.4220, 10.1450, 12.7849**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.9370, -11.3079, -13.0997**, and **22.0620, -10.8766, -11.4554** is the 20% darker color. If you saturate the color by 10%, you get **62.8720, -12.7549, -15.6737**, and if you desaturate by 10%, it is **68.2840, -7.5350, -9.8961**.

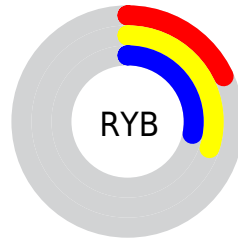
Distribution



Red (20%)

Green (30%)

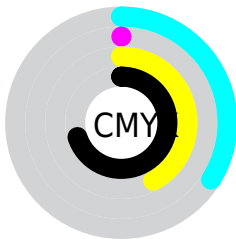
Blue (18%)



Red (18%)

Yellow (30%)

Blue (28%)

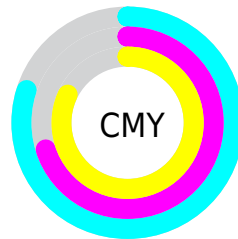


Cyan (34%)

Magenta (0%)

Yellow (42%)

Black (70%)



Cyan (80%)

Magenta (70%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.5780, -10.1450, -12.7849 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 65.5780, -10.1450, -12.7849 by changing the saturation by 10% instead.

■ 65.5780, -10.1450,
-12.7849

■ 65.5780, -10.1450,
-12.7849

255.0000, 0.0000,
0.0000

■ 43.1050, -9.4188,
-12.3701

■ 113.9370,
-11.3079, -13.0997

■ 22.0620, -10.8766,
-11.4554

■ 139.5240,
-11.5973, -13.6145

■ 0.0000, 0.0000,
0.0000

■ 165.9970,
-12.3235, -14.0294

■ 193.5840,
-12.6129, -14.5442

■ 221.1710,
-12.9023, -15.0590

■ 244.7740,

-10.7346, -10.3258

254.6580, -1.3104,
0.2999

■ 65.5780, -10.1450,
-12.7849

■ 65.5780, -10.1450,
-12.7849

■ 62.8720, -12.7549,
-15.6737

■ 68.2840, -7.5350,
-9.8961

■ 59.9810, -14.7806,
-19.2773

■ 71.1750, -5.5093,
-6.2925

■ 57.2750, -17.3906,
-22.1662

■ 73.8810, -2.8993,
-3.4036

■ 54.5690, -20.0005,
-25.0550

■ 76.5870, -0.2894,
-0.5148

■ 51.8630, -22.6105,
-27.9439

■ 79.2930, 2.3206,
2.3740

■ 49.3850, -24.3468,
-31.0326

■ 82.1840, 4.3463,
5.9776

■ 84.8900, 6.9562,
8.8665

■ 87.5960, 9.5662,
11.7553

■ 90.1880, 11.7393,
14.7441

Harmonies

Analogous

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



68.3690, -16.4509, 3.1844



65.5780, -10.1450, -12.7849



60.9160, 0.5344, -31.4983

Triad

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



65.5780, -10.1450, -12.7849



63.2850, 21.0585, -34.4529



71.2210, -5.0390, 29.6242

Complementary

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



65.5780, -10.1450, -12.7849



56.4220, 10.1450, 12.7849

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.



72.3650, 3.2711, 24.2359



65.5780, -10.1450, -12.7849



70.4130, 17.0514, -9.1322

Square

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



65.5780, -10.1450, -12.7849



56.8440, 19.7969, -49.8522



72.6390, 11.0240, 10.8406



70.5490, -12.5957, 26.7055

Rectangle

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



65.5780, -10.1450, -12.7849



55.3960, 9.1718, -48.5823



72.6390, 11.0240, 10.8406



71.9050, -2.4182, 29.0243

Sweetspot

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



65.5780, -10.1450, -12.7849



95.0550, -3.4781, -4.4332



69.8300, -12.2412, 6.2881



48.4080, -2.1731, -2.9888



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



65.5780, -10.1450, -12.7849



81.4540, -15.5068, -19.6922



64.9240, -4.8925, -17.4733



36.6470, -1.3050, -1.4444



65.5550, -32.3186, -40.8287



147.8670, -72.8984, -91.9684

Inverse Universe

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



56.4220, 10.1450, 12.7849



67.5460, 15.5068, 19.6922



57.0760, 4.8925, 17.4733



35.6520, 1.1576, 2.0592



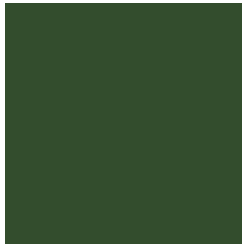
36.4450, 32.3186, 40.8287



81.8340, 73.0458, 91.3536

Previews

White Background



This preview shows how the YUV color 65.5780, -10.1450, -12.7849 looks on a white background.

Color Contrast Check

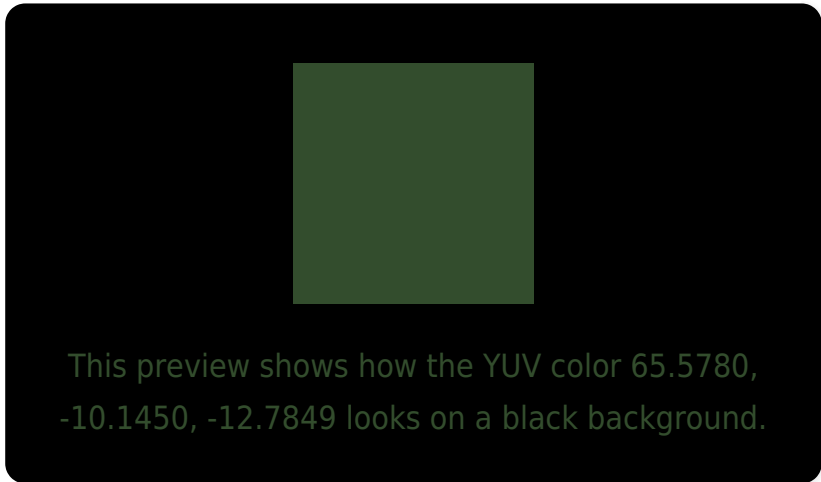
Large Text (above 18pt) WCAG AA ✓ Pass

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

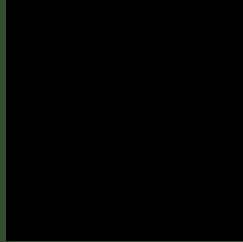
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 65.5780, -10.1450, -12.7849

Background



This preview shows how black text looks on a background with the YUV color 65.5780, -10.1450, -12.7849.



This preview shows how white text looks on a background with the YUV color 65.5780, -10.1450,

-12.7849.

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

65.5780, -10.1450, -12.7849

Protanopia

68.9010, -13.2622, 7.1028

Deuteranopia

69.8030, -11.2419, 12.4508



Tritanopia

68.9000, 4.9793, -10.4363

Trichromacy



Original Color

65.5780, -10.1450, -12.7849

Protanomaly

68.0850, -12.3669, -0.0745

Deuteranomaly

68.4490, -11.0674, 3.1142

Tritanomaly

67.5210, -0.2569, -10.9809

Monochromacy



Original Color

65.5780, -10.1450, -12.7849

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

65.9410, -3.9149, -4.3333

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.5780, -10.1450, -12.7849 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, 77, 45)` looks like.

```
.text, #text, p{  
    color:rgb(51, 77, 45)  
}
```

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, 77, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 77, 45) }
```

Border

The CSS property to change the border of an element to YUV 65.5780, -10.1450, -12.7849 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, 77, 45) }
```


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

```
.border{ border-color:rgb(51, 77, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 77, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 77, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 77, 45);  
box-shadow:4px 4px 4px 4px rgb(51, 77, 45)  
}
```

Background

The CSS property to change the background color of an element to YUV 65.5780, -10.1450, -12.7849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 77, 45) }
```

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

```
.background{ background-color: rgb(51, 77,  
45) }
```

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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