

Converting Colors

YUV(65.8540, -12.2530,
-36.7060)

Have a look what the booklet for
YUV(65.8540, -12.2530, -36.7060)
contains.

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Color

**YUV(65.8540, -12.2530,
-36.7060)**

Conversions

Conversions Part 1

Format	Color
Hex	185C29
RGB	24, 92, 41
RGB Percent	9%, 36%, 16%
CMY	0.9059, 0.6392, 0.8392
CMYK	0.74, 0.00, 0.55, 0.64
HSL	135°, 59%, 23%
HSV	135°, 74%, 36%
XYZ	4.6041, 8.0086, 3.4010
YIQ	65.8540, -24.1570, -30.2770

Conversions

Conversions Part 2

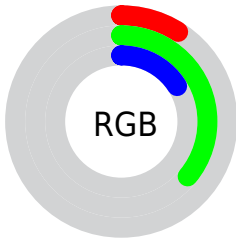
Format	Color
R_{YB}	24, 78, 92
Decimal	1596457
CIE _{Lab}	34.00, -33.25, 23.22
CIE _{LCh}	34, 40.561, 145.073
Yxy	8.0086, 0.2875, 0.5001
Android (android.graphics.Color)	4279786537 (0xFF185C29)
YUV	65.8540, -12.2530, -36.7060
Hunter-Lab	28.2994, -20.4836, 12.6842

Details

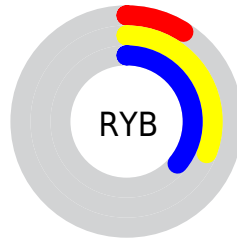
The YUV color **65.8540, -12.2530, -36.7060** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **50.1460, 12.2530, 36.7060**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.2950, -14.4424, -34.4617**, and **26.4150, -13.0226, -23.1660** is the 20% darker color. If you saturate the color by 10%, you get **62.3650, -13.9839, -41.5391**, and if you desaturate by 10%, it is **69.3430, -10.5221, -31.8728**.

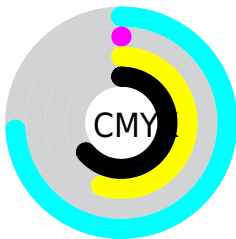
Distribution



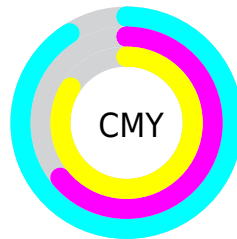
- Red (9%)
- Green (36%)
- Blue (16%)



- Red (9%)
- Yellow (31%)
- Blue (36%)



- Cyan (74%)
- Magenta (0%)
- Yellow (55%)
- Black (64%)



- Cyan (91%)
- Magenta (64%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.8540, -12.2530, -36.7060 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 65.8540, -12.2530, -36.7060 by changing the saturation by 10% instead.

■ 65.8540, -12.2530,
-36.7060

■ 65.8540, -12.2530,
-36.7060

255.0000, 0.0000,
0.0000

■ 42.0820, -11.3794,
-36.9059

■ 117.2950,
-14.4424, -34.4617

■ 26.4150, -13.0226,
-23.1660

■ 143.6540,
-15.6054, -34.7766

■ 13.5010, -6.6560,
-11.8404

■ 170.5400,
-16.0422, -34.6766

■ 0.0000, 0.0000,
0.0000

■ 198.6000,
-17.0578, -35.6062

■ 226.3010,
-16.9104, -36.2210

■ 238.7510, -9.2442,

-21.7066

250.6140, -1.2887,
-6.6775

65.8540, -12.2530,
-36.7060

65.8540, -12.2530,
-36.7060

62.3650, -13.9839,
-41.5391

69.3430, -10.5221,
-31.8728

58.8760, -15.7149,
-46.3723

72.8320, -8.7912,
-27.0397

56.6260, -16.5776,
-49.6610

76.6200, -7.2077,
-21.5917

80.1090, -5.4767,
-16.7586

83.5980, -3.7458,
-11.9254

■ 86.9730, -2.4517,
-6.9923

■ 90.4620, -0.7208,
-2.1592

■ 94.2500, 0.8628,
3.2887

■ 97.7390, 2.5937,
8.1219

Harmonies

Analogous

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



73.0080, -29.0909, -2.6380



65.8540, -12.2530, -36.7060



64.0870, 4.3941, -56.2043

Triad

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



65.8540, -12.2530, -36.7060



66.3110, 38.3007, -58.1547



77.7570, -11.2192, 51.9561

Complementary

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



65.8540, -12.2530, -36.7060



50.1460, 12.2530, 36.7060

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.



79.0460, 3.9213, 49.0717



65.8540, -12.2530, -36.7060



80.2140, 28.9815, -8.9577

Square

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



65.8540, -12.2530, -36.7060



69.0520, 31.0334, -60.5586



82.0570, 17.2269, 28.0140



77.7220, -25.0059, 40.5858

Rectangle

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



65.8540, -12.2530, -36.7060



66.7090, 14.4405, -58.5038



82.0570, 17.2269, 28.0140



77.4350, -6.1305, 53.1155

Sweetspot

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



65.8540, -12.2530, -36.7060



109.6470, -4.7560, -14.5994



79.1650, -27.1963, -3.6527



54.8480, -2.8831, -8.6367



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



65.8540, -12.2530, -36.7060



78.8870, -19.1713, -57.7829



69.7300, 2.5981, -40.1052



44.0490, -1.0102, -2.6740



67.6480, -20.0395, -59.3273



145.8450, -42.8146, -127.9061

Inverse Universe

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



50.1460, 12.2530, 36.7060



54.1130, 19.1713, 57.7829



46.2700, -2.5981, 40.1052



42.9510, 1.0102, 2.6740



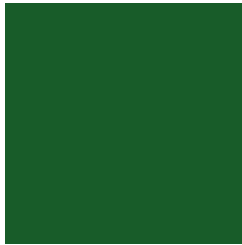
42.2380, 19.6027, 59.4273



91.1550, 42.8146, 127.9061

Previews

White Background



This preview shows how the YUV color 65.8540, -12.2530, -36.7060 looks on a white background.

Color Contrast Check

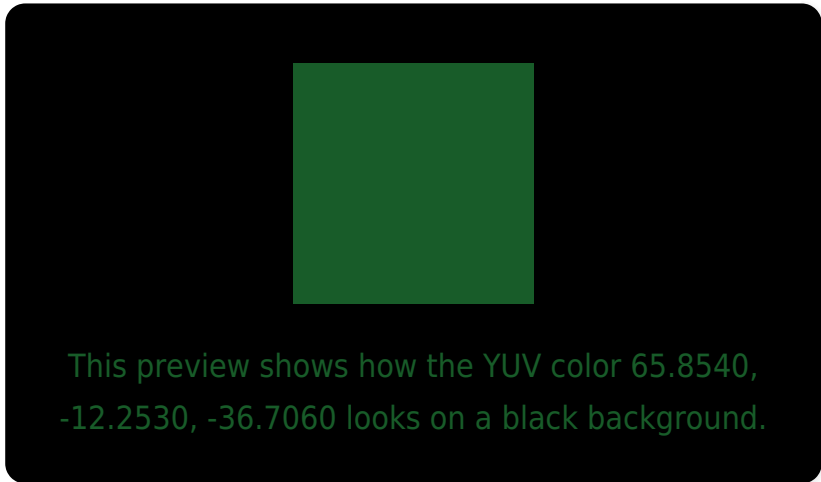
Large Text (above 18pt) WCAG AA ✓ Pass

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

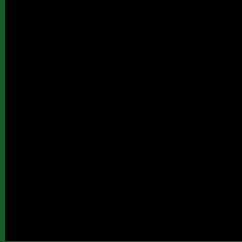
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 65.8540, -12.2530, -36.7060

Background



This preview shows how black text looks on a background with the YUV color 65.8540, -12.2530, -36.7060.



This preview shows how white text looks on a background with the YUV color 65.8540, -12.2530,

-36.7060.

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

65.8540, -12.2530, -36.7060

Protanopia

77.4900, -19.9616, 9.2173

Deuteranopia

78.7450, -16.6363, 16.0096



Tritanopia

73.6420, 9.5435, -27.7500

Trichromacy



Original Color

65.8540, -12.2530, -36.7060

Protanomaly

73.0750, -17.2920, -7.0818

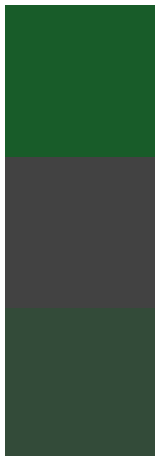
Deuteranomaly

74.0800, -14.8294, -3.5782

Tritanomaly

70.5570, 1.6974, -31.1835

Monochromacy



Original Color

65.8540, -12.2530, -36.7060

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

65.7720, -4.3246, -12.9550

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.8540, -12.2530, -36.7060 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(24, 92, 41)` looks like.

```
.text, #text, p{  
    color:rgb(24, 92, 41)  
}
```

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(24, 92, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 92, 41) }
```

Border

The CSS property to change the border of an element to YUV 65.8540, -12.2530, -36.7060 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(24, 92, 41) }
```


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

```
.border{ border-color:rgb(24, 92, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 92, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 92, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 92, 41);  
box-shadow:4px 4px 4px 4px rgb(24, 92, 41)  
}
```

Background

The CSS property to change the background color of an element to YUV 65.8540, -12.2530, -36.7060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 92, 41) }
```

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

```
.background{ background-color: rgb(24, 92,  
41) }
```

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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