

Converting Colors

YUV(75.1140, -6.4652, -26.4100)

Have a look what the booklet for
YUV(75.1140, -6.4652, -26.4100)
contains.

YUV(75.1140, -6.4652, -26.4100)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(75.1140, -6.4652,
-26.4100)**

Conversions

Conversions Part 1

Format	Color
Hex	2D5D3E
RGB	45, 93, 62
RGB Percent	18%, 36%, 24%
CMY	0.8235, 0.6353, 0.7569
CMYK	0.52, 0.00, 0.33, 0.64
HSL	141°, 35%, 27%
HSV	141°, 52%, 36%
XYZ	5.8660, 8.7344, 5.9342
YIQ	75.1140, -18.6570, -19.8170

Conversions

Conversions Part 2

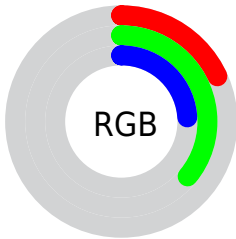
Format	Color
R_{YB}	45, 80, 93
Decimal	2972990
CIE _{Lab}	35.47, -24.25, 12.91
CIE _{LCh}	35, 27.473, 151.972
Y _{xy}	8.7344, 0.2857, 0.4254
Android (android.graphics.Color)	4281163070 (0xFF2D5D3E)
YUV	75.1140, -6.4652, -26.4100
Hunter-Lab	29.5540, -16.2898, 8.7829

Details

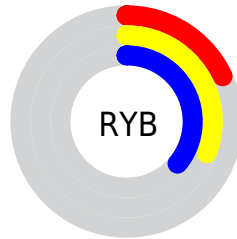
The YUV color **75.1140, -6.4652, -26.4100** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **62.8860, 6.4652, 26.4100**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.1740, -7.4808, -27.3396**, and **29.1680, -5.0128, -25.5803** is the 20% darker color. If you saturate the color by 10%, you get **71.7390, -7.7593, -31.3431**, and if you desaturate by 10%, it is **78.4890, -5.1711, -21.4769**.

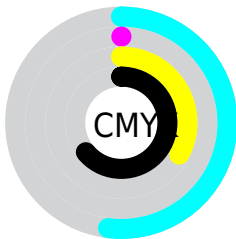
Distribution



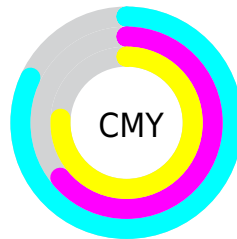
- Red (18%)
- Green (36%)
- Blue (24%)



- Red (18%)
- Yellow (31%)
- Blue (36%)



- Cyan (52%)
- Magenta (0%)
- Yellow (33%)
- Black (64%)



- Cyan (82%)
- Magenta (64%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.1140, -6.4652, -26.4100 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 75.1140, -6.4652, -26.4100 by changing the saturation by 10% instead.

■ 75.1140, -6.4652,
-26.4100

■ 75.1140, -6.4652,
-26.4100

255.0000, 0.0000,
0.0000

■ 51.0430, -5.4442,
-27.2247

■ 125.1740, -7.4808,
-27.3396

■ 29.1680, -5.0128,
-25.5803

■ 151.0600, -7.9176,
-27.2396

■ 16.4360, -8.1029,
-14.4144

■ 178.2340, -8.4964,
-28.2692

■ 0.0000, 0.0000,
0.0000

■ 205.8210, -8.7858,
-28.7840

■ 234.4080, -9.0751,
-29.2988

■ 246.3850, -0.6828,

-14.3696

■ 75.1140, -6.4652,
-26.4100

■ 75.1140, -6.4652,
-26.4100

■ 71.7390, -7.7593,
-31.3431

■ 78.4890, -5.1711,
-21.4769

■ 68.0650, -8.9060,
-36.8910

■ 82.1630, -4.0244,
-15.9290

■ 64.6900, -10.2002,
-41.8241

■ 85.5380, -2.7302,
-10.9958

■ 61.3150, -11.4943,
-46.7573

■ 88.9130, -1.4361,
-6.0627

■ 58.3530, -12.4990,
-51.1756

■ 92.5870, -0.2894,
-0.5148

■ 95.9620, 1.0047,
4.4183

■ 99.3370, 2.2989,
9.3515

■ 102.7120, 3.5930,
14.2846

■ 106.3860, 4.7397,
19.8325

Harmonies

Analogous

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



79.2000, -16.8606, -5.4374



75.1140, -6.4652, -26.4100



65.3410, 9.1989, -57.3041

Triad

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



75.1140, -6.4652, -26.4100



79.3230, 23.5048, -25.7163



83.9460, -11.3124, 35.1274

Complementary

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



75.1140, -6.4652, -26.4100



62.8860, 6.4652, 26.4100

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.



84.6930, -0.8346, 34.4722



75.1140, -6.4652, -26.4100



85.0060, 17.7450, 1.7487

Square

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



75.1140, -6.4652, -26.4100



67.3250, 26.9548, -59.0440



85.8470, 8.9494, 22.9362



82.9420, -18.7054, 26.3609

Rectangle

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



75.1140, -6.4652, -26.4100



67.0510, 15.7509, -58.8037



85.8470, 8.9494, 22.9362



83.8690, -7.8234, 36.0719

Sweetspot

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



75.1140, -6.4652, -26.4100



113.2500, -2.5882, -9.8662



82.4450, -18.4604, -5.6523



56.9130, -1.4361, -6.0627



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.



75.1140, -6.4652, -26.4100



92.4020, -10.0582, -40.6946



77.8500, 4.0180, -28.8094



44.1630, -0.5734, -2.7740



69.0160, -14.7979, -60.5270



148.6950, -31.8946, -130.4055

Inverse Universe

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



62.8860, 6.4652, 26.4100



73.5980, 10.0582, 40.6946



60.1500, -4.0179, 28.8095



42.8370, 0.5734, 2.7740



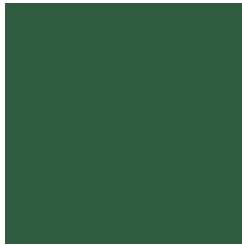
40.9840, 14.7979, 60.5270



88.3050, 31.8946, 130.4055

Previews

White Background



This preview shows how the YUV color 75.1140, -6.4652, -26.4100 looks on a white background.

Color Contrast Check

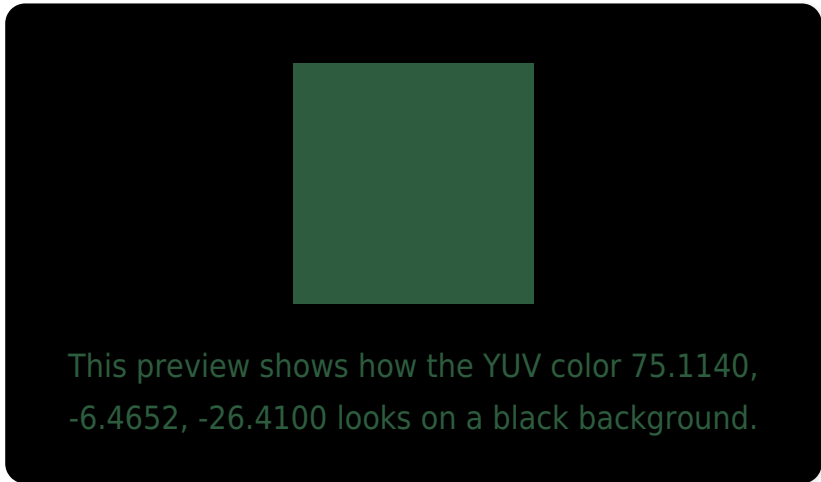
Large Text (above 18pt) WCAG AA ✓ Pass

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

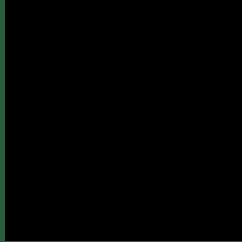
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.1140, -6.4652, -26.4100

Background



This preview shows how black text looks on a background with the YUV color 75.1140, -6.4652, -26.4100.



This preview shows how white text looks on a background with the YUV color 75.1140, -6.4652,

-26.4100.

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

75.1140, -6.4652, -26.4100

Protanopia

82.2430, -11.9518, 6.8029

Deuteranopia

83.3730, -9.0579, 11.9509



Tritanopia

79.3330, 8.2168, -22.2170

Trichromacy



Original Color

75.1140, -6.4652, -26.4100

Protanomaly

79.9210, -10.3141, -5.1927

Deuteranomaly

80.5130, -8.1409, -2.2039

Tritanomaly

77.6550, 3.1281, -23.3764

Monochromacy



Original Color

75.1140, -6.4652, -26.4100

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.2500, -2.5882, -9.8663

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.1140, -6.4652, -26.4100 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(45, 93, 62)` looks like.

```
.text, #text, p{  
    color:rgb(45, 93, 62)  
}
```

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(45, 93, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 93, 62) }
```

Border

The CSS property to change the border of an element to YUV 75.1140, -6.4652, -26.4100 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(45, 93, 62) }
```


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

```
.border{ border-color:rgb(45, 93, 62) }
```

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

Here you see how a box with a 4 pixel rgb(45, 93, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 93, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 93, 62);  
box-shadow:4px 4px 4px 4px rgb(45, 93, 62)  
}
```

Background

The CSS property to change the background color of an element to YUV 75.1140, -6.4652, -26.4100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 93, 62) }
```

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

```
.background{ background-color: rgb(45, 93,  
62) }
```

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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