

Converting Colors

YUV(26.6220, 26.8084,
-11.9465)

Have a look what the booklet for
YUV(26.6220, 26.8084, -11.9465)
contains.

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Color

**YUV(26.6220, 26.8084,
-11.9465)**

Conversions

Conversions Part 1

Format	Color
Hex	0D1751
RGB	13, 23, 81
RGB Percent	5%, 9%, 32%
CMY	0.9490, 0.9098, 0.6824
CMYK	0.84, 0.72, 0.00, 0.68
HSL	231°, 72%, 18%
HSV	231°, 84%, 32%
XYZ	1.9576, 1.2924, 7.9309
YIQ	26.6220, -24.5780, 15.9180

Conversions

Conversions Part 2

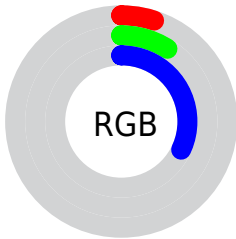
Format	Color
R_{YB}	13, 22, 81
Decimal	857937
CIE _{Lab}	11.22, 19.72, -36.59
CIE _{LCh}	11, 41.564, 298.319
Yxy	1.2924, 0.1751, 0.1156
Android (android.graphics.Color)	4279048017 (0xFF0D1751)
YUV	26.6220, 26.8084, -11.9465
Hunter-Lab	11.3685, 10.8414, -33.4036

Details

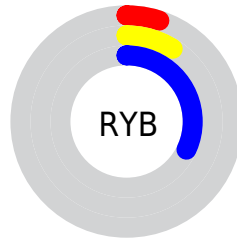
The YUV color **26.6220, 26.8084, -11.9465** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **67.3780, -26.8084, 11.9465**, and the grayscale version is **26.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **74.3070, 27.9496, -4.6542**, and **5.1640, 14.7091, -4.5288** is the 20% darker color. If you saturate the color by 10%, you get **20.1210, 30.0133, -13.2611**, and if you desaturate by 10%, it is **33.1230, 23.6034, -10.6319**.

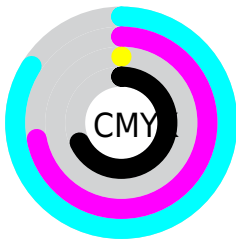
Distribution



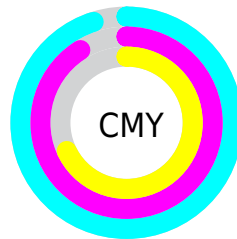
- Red (5%)
- Green (9%)
- Blue (32%)



- Red (5%)
- Yellow (9%)
- Blue (32%)



- Cyan (84%)
- Magenta (72%)
- Yellow (0%)
- Black (68%)



- Cyan (95%)
- Magenta (91%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 26.6220, 26.8084, -11.9465 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 26.6220, 26.8084, -11.9465 by changing the saturation by 10% instead.

■ 26.6220, 26.8084,
-11.9465

■ 26.6220, 26.8084,
-11.9465

■ 251.4780, 1.7363,
3.0888

■ 6.6120, 25.3343,
-5.7987

■ 74.3070, 27.9496,
-4.6542

■ 5.1640, 14.7091,
-4.5288

■ 98.5460, 28.8178,
-3.1098

■ 1.1400, 4.3680,
-0.9998

■ 124.1870, 29.9808,
-2.7950

■ 0.0000, 0.0000,
0.0000

■ 150.0130, 30.5596,
-1.7654

■ 176.6540, 31.7226,
-1.4506

■ 202.4710, 25.8968,

0.4639

■ 227.5780, 13.5190,
3.8781

■ 26.6220, 26.8084,
-11.9465

■ 26.6220, 26.8084,
-11.9465

■ 20.1210, 30.0133,
-13.2611

■ 33.1230, 23.6034,
-10.6319

■ 16.2780, 31.9079,
-14.2758

■ 39.6240, 20.3984,
-9.3172

■ 46.1250, 17.1934,
-8.0026

■ 52.6260, 13.9884,
-6.6880

■ 59.4260, 10.6360,
-4.7586

■ 65.3400, 7.7204,
-2.9292

■ 71.8410, 4.5154,
-1.6146

■ 78.3420, 1.3104,
-0.2999

■ 84.8430, -1.8946,
1.0147

Harmonies

Analogous

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



30.5770, 28.3095, -26.8160



26.6220, 26.8084, -11.9465



24.7800, 17.3635, 30.8879

Triad

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



26.6220, 26.8084, -11.9465



26.4570, -13.0433, 30.2942



27.7320, -0.3609, -24.3210

Complementary

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



26.6220, 26.8084, -11.9465



67.3780, -26.8084, 11.9465

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.



23.4800, -11.5756, -20.5920



26.6220, 26.8084, -11.9465



28.9830, -14.2886, 9.6619

Square

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



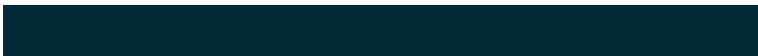
26.6220, 26.8084, -11.9465



22.4250, -11.0555, 46.1083



23.8230, -11.7447, -12.9998



31.0380, 12.3063, -27.2203

Rectangle

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



26.6220, 26.8084, -11.9465



26.6150, 7.5848, 40.6796



23.8230, -11.7447, -12.9998



26.5920, -4.7289, -23.3212

Sweetspot

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



26.6220, 26.8084, -11.9465



83.4260, 10.6360, -4.7586



59.5280, 5.6557, -40.8051



40.6990, 6.5574, -3.2440



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



26.6220, 26.8084, -11.9465



20.7750, 41.5229, -18.2197



27.9280, 26.1645, 7.9561



37.4560, 1.7472, -0.3999



46.4060, 91.4978, -40.6981

Inverse Universe

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



34.4720, -5.6557, 40.8051



33.1050, -8.9258, 63.0519



66.0720, -26.1645, -7.9561



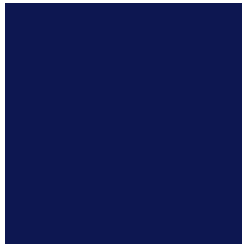
38.1960, -0.5896, 2.4591



73.2440, -19.3473, 139.2290

Previews

White Background



This preview shows how the YUV color 26.6220, 26.8084, -11.9465 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



This preview shows how the YUV color 26.6220, 26.8084, -11.9465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

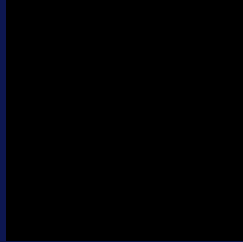
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 26.6220, 26.8084, -11.9465

Background



This preview shows how black text looks on a background with the YUV color 26.6220, 26.8084, -11.9465.



This preview shows how white text looks on a background with the YUV color 26.6220, 26.8084,

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

26.6220, 26.8084, -11.9465

Protanopia

24.7920, 18.8365, -21.7426

Deuteranopia

24.9400, 14.3266, -21.8724



Tritanopia

24.0620, 5.8854, -21.1024

Trichromacy



Original Color

26.6220, 26.8084, -11.9465

Protanomaly

25.3240, 22.0253, -17.8241

Deuteranomaly

25.8140, 18.8257, -18.2539

Tritanomaly

25.0330, 13.2947, -17.5689

Monochromacy



Original Color

26.6220, 26.8084, -11.9465

Achromatopsia

27.0000, 0.0000, 0.0000

Achromatomaly

27.1980, 9.7624, -4.5586

CSS Examples

Text

The CSS property to change the color of the text to YUV 26.6220, 26.8084, -11.9465 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(13, 23, 81)` looks like.

```
.text, #text, p{  
    color:rgb(13, 23, 81)  
}
```

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(13, 23, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 23, 81) }
```

Border

The CSS property to change the border of an element to YUV 26.6220, 26.8084, -11.9465 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(13, 23, 81) }
```

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

```
.border{ border-color:rgb(13, 23, 81) }
```

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

Here you see how a box with a 4 pixel rgb(13, 23, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 23, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 23, 81);  
box-shadow:4px 4px 4px 4px rgb(13, 23, 81)  
}
```

Background

The CSS property to change the background color of an element to YUV 26.6220, 26.8084, -11.9465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 23, 81) }
```

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

```
.background{ background-color: rgb(13, 23,  
81) }
```

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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