

Converting Colors

YUV(24.0520, 24.6244,
-11.4466)

Have a look what the booklet for
YUV(24.0520, 24.6244, -11.4466)
contains.

YUV(24.0520, 24.6244, -11.4466)	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(24.0520, 24.6244,
-11.4466)**

Conversions

Conversions Part 1

Format	Color
Hex	0B154A
RGB	11, 21, 74
RGB Percent	4%, 8%, 29%
CMY	0.9569, 0.9176, 0.7098
CMYK	0.85, 0.72, 0.00, 0.71
HSL	230°, 74%, 17%
HSV	230°, 85%, 29%
XYZ	1.6422, 1.1019, 6.6047
YIQ	24.0520, -22.9730, 14.3630

Conversions

Conversions Part 2

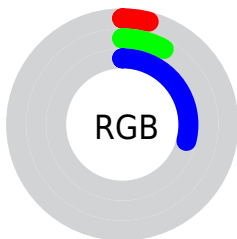
Format	Color
R_{YB}	11, 20, 74
Decimal	726346
CIE Lab	9.81, 18.00, -34.08
CIE LCh	10, 38.539, 297.841
Yxy	1.1019, 0.1757, 0.1179
Android (android.graphics.Color)	4278916426 (0xFF0B154A)
YUV	24.0520, 24.6244, -11.4466
Hunter-Lab	10.4971, 9.5553, -29.9569

Details

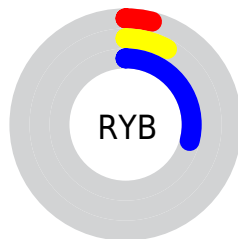
The YUV color **24.0520, 24.6244, -11.4466** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **60.9480, -24.6244, 11.4466**, and the grayscale version is **24.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **70.7370, 25.7657, -4.1543**, and **4.4800, 12.0884, -3.9290** is the 20% darker color. If you saturate the color by 10%, you get **18.4370, 27.3926, -12.6612**, and if you desaturate by 10%, it is **29.6670, 21.8562, -10.2320**.

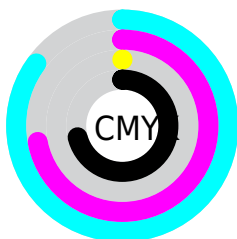
Distribution



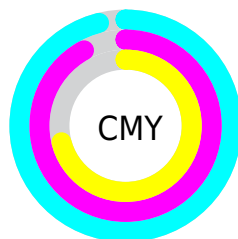
- Red (4%)
- Green (8%)
- Blue (29%)



- Red (4%)
- Yellow (8%)
- Blue (29%)



- Cyan (85%)
- Magenta (72%)
- Yellow (0%)
- Black (71%)



- Cyan (96%)
- Magenta (92%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 24.0520, 24.6244, -11.4466 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 24.0520, 24.6244, -11.4466 by changing the saturation by 10% instead.

■ 24.0520, 24.6244,
-11.4466

■ 24.0520, 24.6244,
-11.4466

■ 249.7170, 2.6045,
4.6332

■ 5.8140, 22.2767,
-5.0989

■ 70.7370, 25.7657,
-4.1543

■ 4.4800, 12.0884,
-3.9290

■ 94.7910, 27.2180,
-3.3247

■ 0.0000, 0.0000,
0.0000

■ 120.2040, 27.5074,
-2.8099

■ 146.1440, 28.5230,
-1.8803

■ 172.6710, 29.2492,
-1.4655

■ 200.1010, 27.0652,

-0.9656

■ 224.3220, 15.1243,
2.3486

■ 24.0520, 24.6244,
-11.4466

■ 24.0520, 24.6244,
-11.4466

■ 18.4370, 27.3926,
-12.6612

■ 29.6670, 21.8562,
-10.2320

■ 15.4800, 28.8504,
-13.5760

■ 35.5810, 18.9406,
-8.4025

■ 41.7830, 15.8830,
-7.7027

■ 47.6970, 12.9674,
-5.8733

■ 53.3120, 10.1992,
-4.6586

■ 58.9270, 7.4310,
-3.4440

■ 65.4280, 4.2260,
-2.1294

■ 71.0430, 1.4578,
-0.9147

■ 76.9570, -1.4578,
0.9147

Harmonies

Analogous

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



27.9040, 25.6833, -24.4718



24.0520, 24.6244, -11.4466



23.3020, 15.6271, 27.7991

Triad

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



24.0520, 24.6244, -11.4466



23.7880, -11.7275, 28.2499



25.6290, -0.8031, -22.4766

Complementary

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



24.0520, 24.6244, -11.4466



60.9480, -24.6244, 11.4466

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.



21.7190, -10.7075, -19.0476



24.0520, 24.6244, -11.4466



26.3250, -12.9782, 9.3620

Square

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



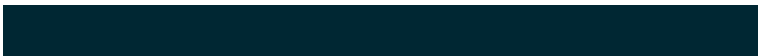
24.0520, 24.6244, -11.4466



20.6310, -10.1711, 42.4196



21.7630, -10.7292, -12.0702



28.7070, 10.9904, -25.1760

Rectangle

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



24.0520, 24.6244, -11.4466



24.1800, 7.3063, 36.6761



21.7630, -10.7292, -12.0702



23.9020, -4.8817, -20.9621

Sweetspot

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



24.0520, 24.6244, -11.4466



77.1980, 9.7624, -4.5586



53.9090, 4.4819, -37.6312



36.4710, 5.6838, -3.0441



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



24.0520, 24.6244, -11.4466



19.8630, 38.0285, -17.4199



24.4610, 24.4227, 6.6117



35.0430, 1.4578, -0.9147



21.0200, 39.9231, -18.4345



47.3520, 90.0455, -41.5277

Inverse Universe

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



30.9770, -4.9187, 37.7312



30.7130, -7.7465, 58.1337



60.5390, -24.4227, -6.6117



35.3100, -0.1528, 2.3591



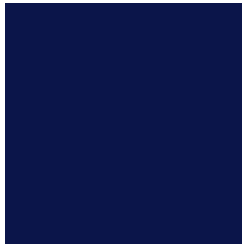
32.3220, -8.0467, 61.1076



72.8740, -18.1789, 137.7995

Previews

White Background



This preview shows how the YUV color 24.0520, 24.6244, -11.4466 looks on a white background.

Color Contrast Check

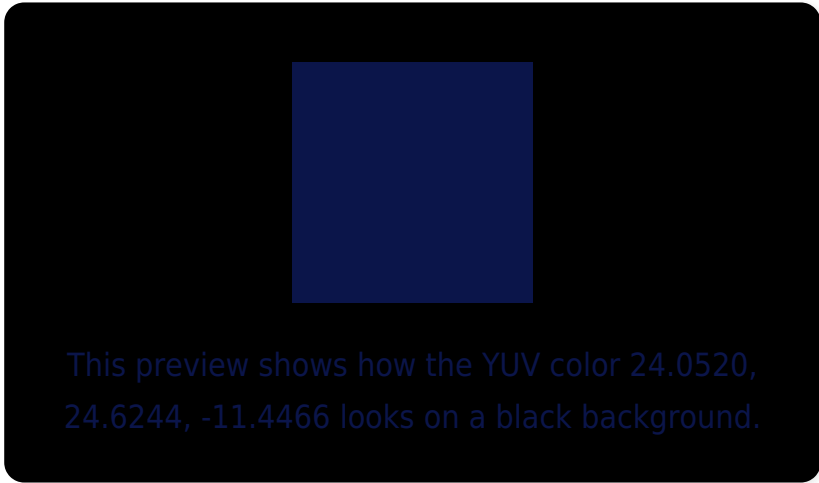
Large Text (above 18pt) WCAG AA ✓ Pass

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

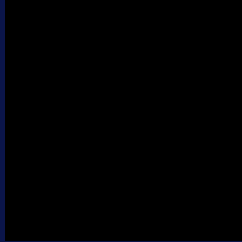
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 24.0520, 24.6244, -11.4466

Background



This preview shows how black text looks on a background with the YUV color 24.0520, 24.6244, -11.4466.



This preview shows how white text looks on a background with the YUV color 24.0520, 24.6244,

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

24.0520, 24.6244, -11.4466

Protanopia

22.3470, 17.0839, -19.5983

Deuteranopia

22.6090, 13.0108, -19.8281



Tritanopia

21.9590, 5.4432, -19.2580

Trichromacy



Original Color

24.0520, 24.6244, -11.4466

Protanomaly

23.0530, 19.6939, -16.7095

Deuteranomaly

23.0700, 17.2205, -16.7244

Tritanomaly

22.5170, 12.5631, -16.2394

Monochromacy



Original Color

24.0520, 24.6244, -11.4466

Achromatopsia

24.0000, 0.0000, 0.0000

Achromatomaly

23.9700, 8.8888, -4.3587

CSS Examples

Text

The CSS property to change the color of the text to YUV 24.0520, 24.6244, -11.4466 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(11, 21, 74)` looks like.

```
.text, #text, p{  
    color:rgb(11, 21, 74)  
}
```

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(11, 21, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 21, 74) }
```

Border

The CSS property to change the border of an element to YUV 24.0520, 24.6244, -11.4466 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(11, 21, 74) }
```


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

```
.border{ border-color:rgb(11, 21, 74) }
```

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

Here you see how a box with a 4 pixel rgb(11, 21, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 21, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 21, 74);  
box-shadow:4px 4px 4px 4px rgb(11, 21, 74)  
}
```

Background

The CSS property to change the background color of an element to YUV 24.0520, 24.6244, -11.4466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 21, 74) }
```

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

```
.background{ background-color: rgb(11, 21,  
74) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor