

Converting Colors

YUV(18.2510, 12.6943,
-11.6211)

Have a look what the booklet for
YUV(18.2510, 12.6943, -11.6211)
contains.

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Color

**YUV(18.2510, 12.6943,
-11.6211)**

Conversions

Conversions Part 1

Format	Color
Hex	05142C
RGB	5, 20, 44
RGB Percent	2%, 8%, 17%
CMY	0.9804, 0.9216, 0.8275
CMYK	0.89, 0.55, 0.00, 0.83
HSL	217°, 80%, 10%
HSV	217°, 89%, 17%
XYZ	0.7674, 0.7144, 2.4803
YIQ	18.2510, -16.6440, 4.2840

Conversions

Conversions Part 2

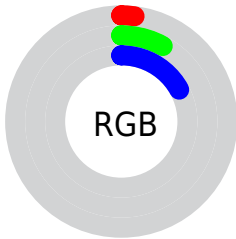
Format	Color
R _Y B	5, 16, 44
Decimal	332844
CIE Lab	6.45, 3.62, -17.98
CIE LCh	6, 18.343, 281.376
Yxy	0.7144, 0.1937, 0.1803
Android (android.graphics.Color)	4278522924 (0xFF05142C)
YUV	18.2510, 12.6943, -11.6211
Hunter-Lab	8.4524, 1.4138, -11.4818

Details

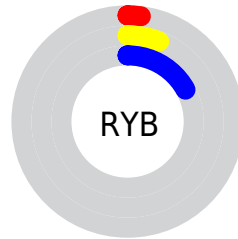
The YUV color **18.2510, 12.6943, -11.6211** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **30.7490, -12.6943, 11.6211**, and the grayscale version is **18.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **61.9030, 13.8518, -9.5619**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **15.2940, 14.1521, -12.5358**, and if you desaturate by 10%, it is **21.2080, 11.2365, -10.7064**.

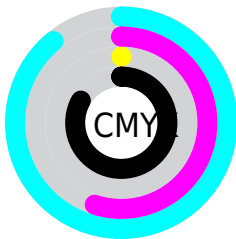
Distribution



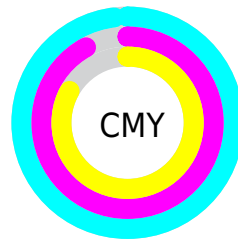
- Red (2%)
- Green (8%)
- Blue (17%)



- Red (2%)
- Yellow (6%)
- Blue (17%)



- Cyan (89%)
- Magenta (55%)
- Yellow (0%)
- Black (83%)



- Cyan (98%)
- Magenta (92%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 18.2510, 12.6943, -11.6211 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 18.2510, 12.6943, -11.6211 by changing the saturation by 10% instead.

■ 18.2510, 12.6943,
-11.6211

■ 18.2510, 12.6943,
-11.6211

■ 242.2640, 6.2788,
-7.2475

■ 3.2090, 9.7570,
-2.8143

■ 61.9030, 13.8518,
-9.5619

■ 0.0000, 0.0000,
0.0000

■ 85.3160, 14.1412,
-9.0471

■ 109.5440, 15.0148,
-9.2471

■ 135.5440, 15.0148,
-9.2471

■ 161.7720, 15.8884,
-9.4470

■ 188.8860, 16.3252,

-9.5470

■ 216.8860, 16.3252,
-9.5470

■ 18.2510, 12.6943,
-11.6211

■ 18.2510, 12.6943,
-11.6211

■ 15.2940, 14.1521,
-12.5358

■ 21.2080, 11.2365,
-10.7064

■ 14.9950, 14.2995,
-13.1506

■ 23.8770, 9.9206,
-8.6621

■ 26.8340, 8.4628,
-7.7474

■ 30.0900, 6.8576,
-6.2179

■ 33.0470, 5.3998,
-5.3032

■ 35.4170, 4.2314,
-3.8737

■ 38.6730, 2.6262,
-2.3442

■ 41.6300, 1.1684,
-1.4295

■ 44.2990, -0.1474,
0.6148

Harmonies

Analogous

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



18.9900, 11.8369, -16.6542



18.2510, 12.6943, -11.6211



21.3240, 8.7143, 4.9779

Triad

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



18.2510, 12.6943, -11.6211



18.7160, -9.2270, 19.5431



16.7610, -4.3192, -14.6994

Complementary

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



18.2510, 12.6943, -11.6211



30.7490, -12.6943, 11.6211

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.



16.1700, -7.9718, -9.7961



18.2510, 12.6943, -11.6211



20.1450, -9.9315, 12.1508

Square

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



18.2510, 12.6943, -11.6211



18.9640, -1.9543, 20.2026



18.9050, -9.3202, 2.7143



19.2860, 2.8170, -16.9138

Rectangle

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



18.2510, 12.6943, -11.6211



20.5700, 5.6350, 12.6551



18.9050, -9.3202, 2.7143



15.9630, -7.3768, -13.9996

Sweetspot

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



18.2510, 12.6943, -11.6211



46.2320, 4.8156, -4.5885



30.5150, -1.2399, -22.3767



22.3740, 2.7736, -2.9590



156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

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



18.2510, 12.6943, -11.6211



19.2980, 18.0941, -16.9243



10.6420, 16.4455, -1.4400



21.8150, 0.5842, -0.7148



29.2890, 28.4515, -25.6865



72.5300, 69.7447, -63.6088

Inverse Universe

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



18.3710, 0.8031, 22.4766



19.2520, 1.3548, 32.2280



38.3580, -16.4455, 1.4400



21.7120, 0.1420, 1.1296



29.7750, 1.5899, 50.1863



73.3340, 4.2723, 123.3641

Previews

White Background



This preview shows how the YUV color 18.2510, 12.6943, -11.6211 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

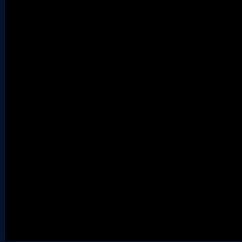
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 18.2510, 12.6943, -11.6211

Background



This preview shows how black text looks on a background with the YUV color 18.2510, 12.6943, -11.6211.



This preview shows how white text looks on a background with the YUV color 18.2510, 12.6943,

-11.6211.

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

18.2510, 12.6943, -11.6211

Protanopia

16.6420, 12.9945, -14.5950

Deuteranopia

17.1320, 9.7949, -15.0248

Trichromacy



Original Color

18.2510, 12.6943, -11.6211

Protanomaly

17.2400, 12.6997, -13.3655

Deuteranomaly

17.4850, 11.0999, -13.5803

Monochromacy



Original Color

18.2510, 12.6943, -11.6211

Achromatopsia

18.0000, 0.0000, 0.0000

Achromatomaly

18.1180, 4.3788, -4.4885

CSS Examples

Text

The CSS property to change the color of the text to YUV 18.2510, 12.6943, -11.6211 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(5, 20, 44)` looks like.

```
.text, #text, p{  
    color:rgb(5, 20, 44)  
}
```

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(5, 20, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 20, 44) }
```

Border

The CSS property to change the border of an element to YUV 18.2510, 12.6943, -11.6211 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(5, 20, 44) }
```

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

```
.border{ border-color:rgb(5, 20, 44) }
```

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

Here you see how a box with a 4 pixel rgb(5, 20, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 20, 44); -webkit-box-shadow:4px  
4px 4px 4px rgb(5, 20, 44); box-shadow:4px  
4px 4px 4px rgb(5, 20, 44) }
```


Background

The CSS property to change the background color of an element to YUV 18.2510, 12.6943, -11.6211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 20, 44) }
```

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

```
.background{ background-color: rgb(5, 20,  
44) }
```

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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