

Converting Colors

YUV(27.8540, 11.4110,
-20.0430)

Have a look what the booklet for
YUV(27.8540, 11.4110, -20.0430)
contains.

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Color

**YUV(27.8540, 11.4110,
-20.0430)**

Conversions

Conversions Part 1

Format	Color
Hex	052333
RGB	5, 35, 51
RGB Percent	2%, 14%, 20%
CMY	0.9804, 0.8627, 0.8000
CMYK	0.90, 0.31, 0.00, 0.80
HSL	201°, 82%, 11%
HSV	201°, 90%, 20%
XYZ	1.2612, 1.4733, 3.3499
YIQ	27.8540, -23.0160, -1.3840

Conversions

Conversions Part 2

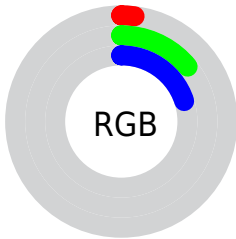
Format	Color
R _Y B	5, 23, 51
Decimal	336691
CIE Lab	12.44, -4.20, -13.64
CIE LCh	12, 14.272, 252.868
Yxy	1.4733, 0.2073, 0.2422
Android (android.graphics.Color)	4278526771 (0xFF052333)
YUV	27.8540, 11.4110, -20.0430
Hunter-Lab	12.1381, -2.6955, -7.8661

Details

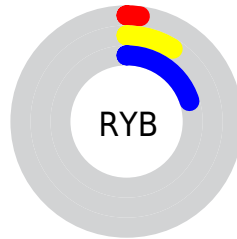
The YUV color **27.8540, 11.4110, -20.0430** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **28.1460, -11.4110, 20.0430**, and the grayscale version is **28.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **73.5770, 11.5475, -17.1690**, and **0.1140, 0.4368, -0.1000** is the 20% darker color. If you saturate the color by 10%, you get **25.1850, 12.7268, -22.0872**, and if you desaturate by 10%, it is **30.5230, 10.0952, -17.9987**.

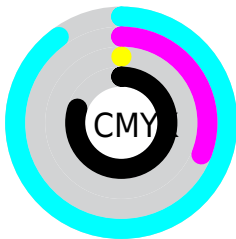
Distribution



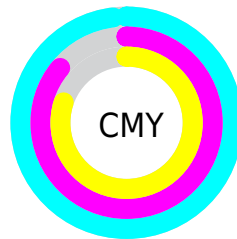
- Red (2%)
- Green (14%)
- Blue (20%)



- Red (2%)
- Yellow (9%)
- Blue (20%)



- Cyan (90%)
- Magenta (31%)
- Yellow (0%)
- Black (80%)



- Cyan (98%)
- Magenta (86%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 27.8540, 11.4110, -20.0430 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 27.8540, 11.4110, -20.0430 by changing the saturation by 10% instead.

■ 27.8540, 11.4110,
-20.0430

■ 27.8540, 11.4110,
-20.0430

■ 250.2160, 2.3585,
-9.8364

■ 11.0510, 9.3419,
-9.6917

■ 73.5770, 11.5475,
-17.1690

■ 0.1140, 0.4368,
-0.1000

■ 97.6910, 11.9843,
-17.2690

■ 0.0000, 0.0000,
0.0000

■ 122.8050, 12.4211,
-17.3690

■ 148.9190, 12.8579,
-17.4690

■ 175.6200, 13.0053,
-18.0837

■ 203.3210, 13.1527,

-18.6985

■ 230.9790, 11.8424,
-18.3986

■ 27.8540, 11.4110,
-20.0430

■ 27.8540, 11.4110,
-20.0430

■ 25.1850, 12.7268,
-22.0872

■ 30.5230, 10.0952,
-17.9987

■ 33.1920, 8.7793,
-15.9544

■ 35.2740, 7.7529,
-13.3953

■ 37.9430, 6.4371,
-11.3510

■ 40.6120, 5.1213,
-9.3067

■ 43.5800, 3.6581,
-6.6477

■ 45.6620, 2.6316,
-4.0886

■ 48.3310, 1.3158,
-2.0443

■ 51.0000, 0.0000,
0.0000

Harmonies

Analogous

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



26.8490, 8.9484, -23.5466



27.8540, 11.4110, -20.0430



32.0730, 9.3310, -6.2030

Triad

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



27.8540, 11.4110, -20.0430



33.1160, -2.5222, 15.6843



30.2460, -6.5303, -5.4777

Complementary

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



27.8540, 11.4110, -20.0430



28.1460, -11.4110, 20.0430

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.



31.0900, -9.9044, 3.4291



27.8540, 11.4110, -20.0430



32.0790, -6.4479, 14.8397

Square

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



27.8540, 11.4110, -20.0430



33.3590, 2.2880, 12.8402



32.1340, -9.9261, 10.4065



27.6730, -0.8248, -15.4992

Rectangle

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



27.8540, 11.4110, -20.0430



33.0740, 7.8515, 1.6891



32.1340, -9.9261, 10.4065



30.6270, -7.7041, -2.3039

Sweetspot

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



27.8540, 11.4110, -20.0430



57.0960, 4.3897, -7.9772



33.7120, -6.7600, -25.1804



27.6620, 2.6316, -4.0886



161.0000, 0.0000, 0.0000



33.0000, 0.0000, 0.0000

Same Dimension

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



27.8540, 11.4110, -20.0430



32.7650, 16.3849, -28.7349



14.9400, 17.7776, -8.7174



24.5160, 0.7316, -1.3295



44.1920, 22.0903, -38.7564



107.5050, 53.9810, -94.2819

Inverse Universe

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



22.1740, 6.3232, 25.2804



24.6360, 9.0535, 36.2762



41.0600, -17.7776, 8.7174



24.1250, 0.4314, 1.6444



33.2230, 12.2151, 48.9164



80.9570, 29.6012, 119.3097

Previews

White Background



This preview shows how the YUV color 27.8540, 11.4110, -20.0430 looks on a white background.

Color Contrast Check

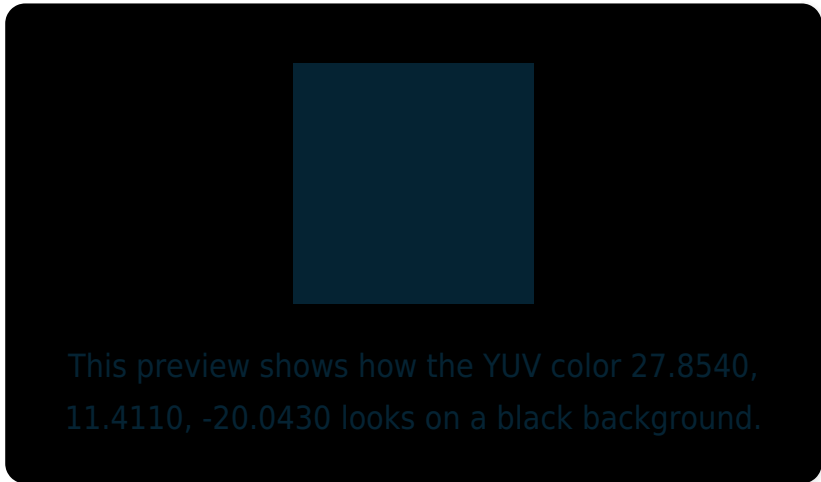
Large Text (above 18pt) WCAG AA ✓ Pass

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

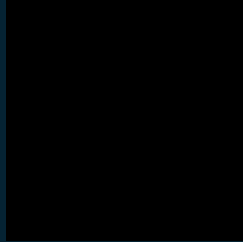
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

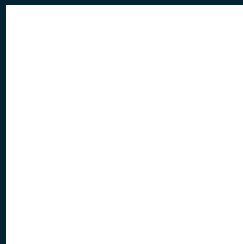
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 27.8540, 11.4110, -20.0430

Background



This preview shows how black text looks on a background with the YUV color 27.8540, 11.4110, -20.0430.



This preview shows how white text looks on a background with the YUV color 27.8540, 11.4110,

-20.0430.

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

27.8540, 11.4110, -20.0430

Protanopia

32.4430, 8.1626, -4.7735

Deuteranopia

32.1760, 9.7732, -8.0474



Tritanopia

26.1650, 6.3277, -22.9467

Trichromacy



Original Color

27.8540, 11.4110, -20.0430

Protanomaly

30.7520, 9.4893, -10.3065

Deuteranomaly

30.6700, 10.5157, -12.8656

Tritanomaly

26.6320, 8.0694, -21.6023

Monochromacy



Original Color

27.8540, 11.4110, -20.0430

Achromatopsia

28.0000, 0.0000, 0.0000

Achromatomaly

28.2810, 3.8055, -7.2624

CSS Examples

Text

The CSS property to change the color of the text to YUV 27.8540, 11.4110, -20.0430 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, 35, 51)` looks like.

```
.text, #text, p{  
    color:rgb(5, 35, 51)  
}
```

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, 35, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 35, 51) }
```

Border

The CSS property to change the border of an element to YUV 27.8540, 11.4110, -20.0430 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, 35, 51) }
```


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

```
.border{ border-color:rgb(5, 35, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 35, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 35, 51); -webkit-box-shadow:4px  
4px 4px 4px rgb(5, 35, 51); box-shadow:4px  
4px 4px 4px rgb(5, 35, 51) }
```

Background

The CSS property to change the background color of an element to YUV 27.8540, 11.4110, -20.0430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 35, 51) }
```

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

```
.background{ background-color: rgb(5, 35,  
51) }
```

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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