

Converting Colors

YUV(37.7620, 27.7253,
-26.1013)

Have a look what the booklet for
YUV(37.7620, 27.7253, -26.1013)
contains.

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Color

**YUV(37.7620, 27.7253,
-26.1013)**

Conversions

Conversions Part 1

Format	Color
Hex	082A5E
RGB	8, 42, 94
RGB Percent	3%, 16%, 37%
CMY	0.9686, 0.8353, 0.6314
CMYK	0.91, 0.55, 0.00, 0.63
HSL	216°, 84%, 20%
HSV	216°, 91%, 37%
XYZ	2.9485, 2.5157, 10.9199
YIQ	37.7620, -36.9560, 8.9640

Conversions

Conversions Part 2

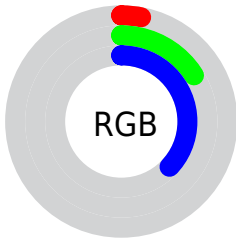
Format	Color
R_{YB}	8, 32, 94
Decimal	535134
CIE _{Lab}	17.99, 10.60, -34.32
CIE _{LCh}	18, 35.918, 287.162
Yxy	2.5157, 0.1800, 0.1535
Android (android.graphics.Color)	4278725214 (0xFF082A5E)
YUV	37.7620, 27.7253, -26.1013
Hunter-Lab	15.8610, 5.4257, -29.7169

Details

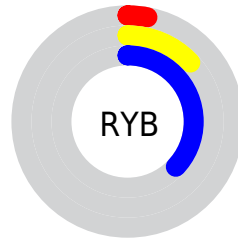
The YUV color **37.7620, 27.7253, -26.1013** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **64.2380, -27.7253, 26.1013**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **88.2300, 27.9876, -16.8647**, and **6.5320, 19.9507, -5.7286** is the 20% darker color. If you saturate the color by 10%, you get **32.4350, 30.3515, -28.4455**, and if you desaturate by 10%, it is **43.9750, 24.6623, -23.6571**.

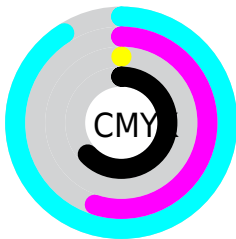
Distribution



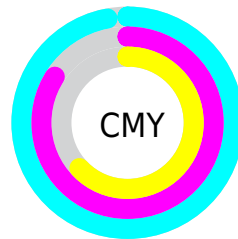
- Red (3%)
- Green (16%)
- Blue (37%)



- Red (3%)
- Yellow (13%)
- Blue (37%)



- Cyan (91%)
- Magenta (55%)
- Yellow (0%)
- Black (63%)



- Cyan (97%)
- Magenta (84%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 37.7620, 27.7253, -26.1013 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 37.7620, 27.7253, -26.1013 by changing the saturation by 10% instead.

■ 37.7620, 27.7253,
-26.1013

■ 37.7620, 27.7253,
-26.1013

■ 255.0000, 0.0000,
0.0000

■ 20.8940, 24.2093,
-18.3240

■ 88.2300, 27.9876,
-16.8647

■ 6.5320, 19.9507,
-5.7286

■ 113.1700, 29.0032,
-15.9351

■ 3.5510, 11.0674,
-3.1142

■ 138.9960, 29.5820,
-14.9055

■ 0.0000, 0.0000,
0.0000

■ 165.5230, 30.3082,
-14.4907

■ 192.9360, 30.5976,
-13.9759

■ 217.7440, 18.3672,

-11.1765

■ 243.4380, 5.7001,
-8.2771

■ 37.7620, 27.7253,
-26.1013

■ 37.7620, 27.7253,
-26.1013

■ 32.4350, 30.3515,
-28.4455

■ 43.9750, 24.6623,
-23.6571

■ 49.9000, 21.7413,
-20.0833

■ 56.1130, 18.6783,
-17.6391

■ 62.6250, 15.4679,
-14.5801

■ 68.2510, 12.6943,
-11.6211

■ 74.4640, 9.6312,
-9.1769

■ 80.9760, 6.4208,
-6.1180

■ 86.6020, 3.6472,
-3.1590

■ 93.1140, 0.4368,
-0.1000

Harmonies

Analogous

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



40.1800, 27.0263, -35.2379



37.7620, 27.7253, -26.1013



44.9800, 17.2649, 15.8035

Triad

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



37.7620, 27.7253, -26.1013



39.5950, -19.0273, 36.3122



35.9330, -1.9390, -31.5132

Complementary

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



37.7620, 27.7253, -26.1013



64.2380, -27.7253, 26.1013

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.



32.5460, -15.0592, -23.2808



37.7620, 27.7253, -26.1013



42.3280, -20.8677, 19.8833

Square

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



37.7620, 27.7253, -26.1013



38.2490, -4.0668, 44.5086



40.1470, -19.7925, 1.6251



39.0110, 9.8546, -34.2126

Rectangle

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



37.7620, 27.7253, -26.1013



42.1840, 11.2483, 32.2876



40.1470, -19.7925, 1.6251



34.3200, -5.5808, -30.0986

Sweetspot

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



37.7620, 27.7253, -26.1013



100.3930, 10.6523, -9.9917



64.4100, -2.1741, -49.4716



48.2750, 6.2734, -5.5032



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.



37.7620, 27.7253, -26.1013



42.0840, 39.3986, -36.9077



20.4950, 36.2380, -3.0651



42.7440, 1.6052, -1.5295



37.7810, 35.6040, -33.1339



82.1960, 76.3184, -72.0859

Inverse Universe

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



37.5900, 2.1741, 49.4716



41.9500, 2.9826, 70.2039



81.5050, -36.2380, 3.0651



42.7230, 0.1366, 2.8739



37.7920, 2.5675, 63.3264



81.5790, 6.1236, 136.3042

Previews

White Background



This preview shows how the YUV color 37.7620, 27.7253, -26.1013 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 37.7620, 27.7253, -26.1013 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 37.7620, 27.7253, -26.1013

Background



This preview shows how black text looks on a background with the YUV color 37.7620, 27.7253, -26.1013.



This preview shows how white text looks on a background with the YUV color 37.7620, 27.7253,

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

37.7620, 27.7253, -26.1013

Protanopia

35.6150, 27.3048, -31.2344

Deuteranopia

36.0080, 21.1951, -31.5790



Tritanopia

35.3920, 8.6807, -31.0388

Trichromacy



Original Color

37.7620, 27.7253, -26.1013

Protanomaly

36.6260, 27.2994, -29.4900

Deuteranomaly

36.8880, 23.2262, -29.7198

Tritanomaly

36.2380, 15.6587, -29.1497

Monochromacy



Original Color

37.7620, 27.7253, -26.1013

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

37.5780, 10.0680, -9.2769

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.7620, 27.7253, -26.1013 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(8, 42, 94)` looks like.

```
.text, #text, p{  
    color:rgb(8, 42, 94)  
}
```

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(8, 42, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 42, 94) }
```

Border

The CSS property to change the border of an element to YUV 37.7620, 27.7253, -26.1013 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(8, 42, 94) }
```


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

```
.border{ border-color:rgb(8, 42, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 42, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 42, 94); -webkit-box-shadow:4px  
4px 4px 4px rgb(8, 42, 94); box-shadow:4px  
4px 4px 4px rgb(8, 42, 94) }
```

Background

The CSS property to change the background color of an element to YUV 37.7620, 27.7253, -26.1013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 42, 94) }
```

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

```
.background{ background-color: rgb(8, 42,  
94) }
```

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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