

Converting Colors

YUV(41.6370, 27.2940,
-27.7456)

Have a look what the booklet for
YUV(41.6370, 27.2940, -27.7456)
contains.

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Color

**YUV(41.6370, 27.2940,
-27.7456)**

Conversions

Conversions Part 1

Format	Color
Hex	0A2F61
RGB	10, 47, 97
RGB Percent	4%, 18%, 38%
CMY	0.9608, 0.8157, 0.6196
CMYK	0.90, 0.52, 0.00, 0.62
HSL	214°, 81%, 21%
HSV	214°, 90%, 38%
XYZ	3.2994, 2.9606, 11.7068
YIQ	41.6370, -38.1020, 7.7060

Conversions

Conversions Part 2

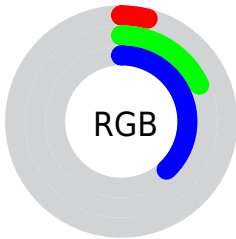
Format	Color
RYB	10, 36, 97
Decimal	667489
CIELab	19.89, 8.43, -33.23
CIElCh	20, 34.282, 284.228
Yxy	2.9606, 0.1836, 0.1648
Android (android.graphics.Color)	4278857569 (0xFF0A2F61)
YUV	41.6370, 27.2940, -27.7456
Hunter-Lab	17.2065, 4.1162, -28.2948

Details

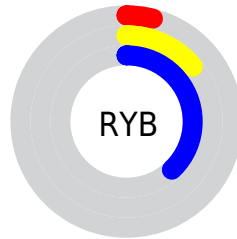
The YUV color **41.6370, 27.2940, -27.7456** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **65.3630, -27.2940, 27.7456**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.1050, 27.5562, -18.5091**, and **5.7000, 21.8399, -4.9989** is the 20% darker color. If you saturate the color by 10%, you get **35.1250, 30.5044, -30.8046**, and if you desaturate by 10%, it is **48.1490, 24.0835, -24.6867**.

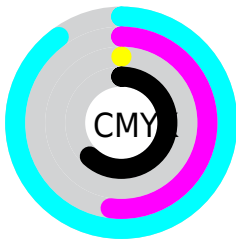
Distribution



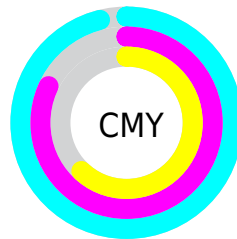
- Red (4%)
- Green (18%)
- Blue (38%)



- Red (4%)
- Yellow (14%)
- Blue (38%)



- Cyan (90%)
- Magenta (52%)
- Yellow (0%)
- Black (62%)



- Cyan (96%)
- Magenta (82%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.6370, 27.2940, -27.7456 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 41.6370, 27.2940, -27.7456 by changing the saturation by 10% instead.

■ 41.6370, 27.2940,
-27.7456

■ 41.6370, 27.2940,
-27.7456

■ 255.0000, 0.0000,
0.0000

■ 24.1710, 24.0727,
-21.1980

■ 92.1050, 27.5562,
-18.5091

■ 5.7000, 21.8399,
-4.9989

■ 117.6320, 28.2824,
-18.0943

■ 4.3660, 11.6516,
-3.8290

■ 143.5720, 29.2980,
-17.1646

■ 0.0000, 0.0000,
0.0000

■ 170.6860, 29.7348,
-17.2646

■ 197.6430, 28.2770,
-16.3499

■ 222.4510, 16.0467,

-13.5505

■ 247.5580, 3.6689,
-10.1364

■ 41.6370, 27.2940,
-27.7456

■ 41.6370, 27.2940,
-27.7456

■ 35.1250, 30.5044,
-30.8046

■ 48.1490, 24.0835,
-24.6867

■ 53.7750, 21.3099,
-21.7277

■ 60.2870, 18.0995,
-18.6687

■ 66.2120, 15.1785,
-15.0949

■ 72.4250, 12.1155,
-12.6507

■ 78.3500, 9.1945,
-9.0769

■ 84.8620, 5.9840,
-6.0180

■ 91.3740, 2.7736,
-2.9590

■ 97.0000, 0.0000,
0.0000

Harmonies

Analogous

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



43.2290, 26.0161, -37.9118



41.6370, 27.2940, -27.7456



49.2570, 17.1283, 12.9296

Triad

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



41.6370, 27.2940, -27.7456



45.3930, -15.9697, 35.6123



38.5090, -2.2229, -33.7724

Complementary

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



41.6370, 27.2940, -27.7456



65.3630, -27.2940, 27.7456

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.



39.0520, -15.8016, -18.4626



41.6370, 27.2940, -27.7456



45.8830, -22.6203, 22.0276

Square

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



41.6370, 27.2940, -27.7456



44.0530, -3.4771, 42.0495



44.5880, -21.9819, 3.8693



41.4730, 9.1338, -36.3718

Rectangle

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



41.6370, 27.2940, -27.7456



47.7490, 10.9697, 28.2841



44.5880, -21.9819, 3.8693



36.8960, -5.8647, -32.3578

Sweetspot

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



41.6370, 27.2940, -27.7456



103.6810, 10.5103, -11.1212



66.6550, -3.7739, -49.6864



50.6770, 6.5682, -6.7327



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



41.6370, 27.2940, -27.7456



45.3610, 39.2620, -39.7816



21.7120, 37.1170, -5.0094



45.6300, 1.1684, -1.4295



40.9440, 35.0306, -35.9079



87.2340, 75.3136, -76.5042

Inverse Universe

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



40.2310, 3.3371, 49.7864



43.4170, 4.7244, 71.5483



85.2880, -37.1170, 5.0094



45.4240, 0.2840, 2.2592



38.9600, 4.4567, 64.0561



83.3880, 9.1757, 137.3487

Previews

White Background



This preview shows how the YUV color 41.6370, 27.2940, -27.7456 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 41.6370, 27.2940, -27.7456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

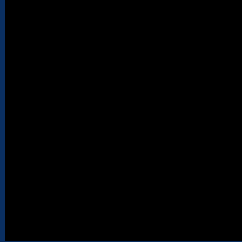
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.6370, 27.2940, -27.7456

Background



This preview shows how black text looks on a background with the YUV color 41.6370, 27.2940, -27.7456.



This preview shows how white text looks on a background with the YUV color 41.6370, 27.2940,

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

41.6370, 27.2940, -27.7456

Protanopia

43.1320, 26.5569, -24.6718

Deuteranopia

39.1540, 23.0951, -34.3381

Trichromacy



Original Color

41.6370, 27.2940, -27.7456

Protanomaly

42.5340, 26.8517, -25.9013

Deuteranomaly

40.2190, 24.5420, -31.7641

Monochromacy



Original Color

41.6370, 27.2940, -27.7456

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

41.8660, 9.9261, -10.4065

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.6370, 27.2940, -27.7456 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(10, 47, 97)` looks like.

```
.text, #text, p{  
    color:rgb(10, 47, 97)  
}
```

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(10, 47, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 47, 97) }
```

Border

The CSS property to change the border of an element to YUV 41.6370, 27.2940, -27.7456 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(10, 47, 97) }
```

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

```
.border{ border-color:rgb(10, 47, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 47, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 47, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 47, 97);  
box-shadow:4px 4px 4px 4px rgb(10, 47, 97)  
}
```


Background

The CSS property to change the background color of an element to YUV 41.6370, 27.2940, -27.7456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 47, 97) }
```

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

```
.background{ background-color: rgb(10, 47,  
97) }
```

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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