

Converting Colors

YUV(41.7090, 21.3425,
-32.1938)

Have a look what the booklet for
YUV(41.7090, 21.3425, -32.1938)
contains.

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Color

**YUV(41.7090, 21.3425,
-32.1938)**

Conversions

Conversions Part 1

Format	Color
Hex	053455
RGB	5, 52, 85
RGB Percent	2%, 20%, 33%
CMY	0.9804, 0.7961, 0.6667
CMYK	0.94, 0.39, 0.00, 0.67
HSL	205°, 89%, 18%
HSV	205°, 94%, 33%
XYZ	2.9303, 3.1441, 9.0468
YIQ	41.7090, -38.6050, 0.2990

Conversions

Conversions Part 2

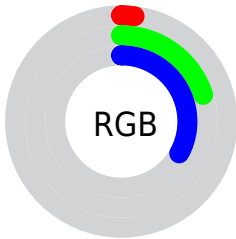
Format	Color
R _Y B	5, 35, 85
Decimal	341077
CIE Lab	20.61, -1.03, -24.15
CIE LCh	21, 24.170, 267.558
Yxy	3.1441, 0.1938, 0.2079
Android (android.graphics.Color)	4278531157 (0xFF053455)
YUV	41.7090, 21.3425, -32.1938
Hunter-Lab	17.7317, -1.5322, -17.8378

Details

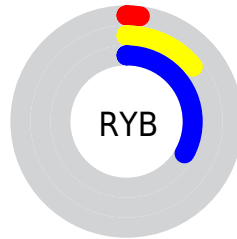
The YUV color **41.7090, 21.3425, -32.1938** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **48.2910, -21.3425, 32.1938**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.3510, 21.0260, -23.9868**, and **8.0820, 15.7356, -7.0879** is the 20% darker color. If you saturate the color by 10%, you get **39.0400, 22.6583, -34.2381**, and if you desaturate by 10%, it is **46.7480, 18.8582, -28.7200**.

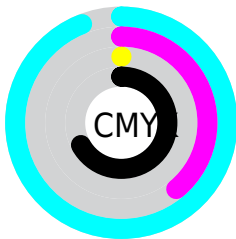
Distribution



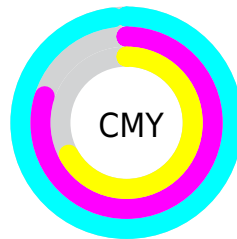
- Red (2%)
- Green (20%)
- Blue (33%)



- Red (2%)
- Yellow (14%)
- Blue (33%)



- Cyan (94%)
- Magenta (39%)
- Yellow (0%)
- Black (67%)



- Cyan (98%)
- Magenta (80%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.7090, 21.3425, -32.1938 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 41.7090, 21.3425, -32.1938 by changing the saturation by 10% instead.

■ 41.7090, 21.3425,
-32.1938

■ 41.7090, 21.3425,
-32.1938

■ 255.0000, 0.0000,
0.0000

■ 25.2650, 18.1104,
-22.1574

■ 92.3510, 21.0260,
-23.9868

■ 8.0820, 15.7356,
-7.0879

■ 117.7640, 21.3153,
-23.4720

■ 2.6390, 7.5730,
-2.3144

■ 143.8780, 21.7521,
-23.5720

■ 0.0000, 0.0000,
0.0000

■ 170.4050, 22.4783,
-23.1572

■ 198.2200, 23.0625,
-23.8719

■ 224.1680, 15.2002,

-22.0723

■ 246.9270, 3.9800,
-16.5990

■ 41.7090, 21.3425,
-32.1938

■ 41.7090, 21.3425,
-32.1938

■ 39.0400, 22.6583,
-34.2381

■ 46.7480, 18.8582,
-28.7200

■ 50.9010, 16.8108,
-25.3462

■ 55.6410, 14.4740,
-22.4872

■ 60.0930, 12.2792,
-18.4986

■ 64.8330, 9.9423,
-15.6395

■ 69.2850, 7.7475,
-11.6509

■ 74.3240, 5.2633,
-8.1771

■ 78.4770, 3.2158,
-4.8033

■ 83.2170, 0.8790,
-1.9443

Harmonies

Analogous

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



41.8780, 18.3011, -36.7270



41.7090, 21.3425, -32.1938



50.5880, 14.9931, -2.2697

Triad

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



41.7090, 21.3425, -32.1938



49.5260, -7.6543, 28.4797



42.8590, -6.3395, -20.0473

Complementary

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



41.7090, 21.3425, -32.1938



48.2910, -21.3425, 32.1938

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.



45.7920, -14.6875, -2.4486



41.7090, 21.3425, -32.1938



49.0600, -14.3266, 21.8724

Square

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



41.7090, 21.3425, -32.1938



50.1050, 0.9342, 27.0949



47.7830, -17.6410, 11.5913



39.5180, 4.1816, -34.6573

Rectangle

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



41.7090, 21.3425, -32.1938



51.6390, 11.0240, 10.8406



47.7830, -17.6410, 11.5913



44.3930, -9.5607, -13.4997

Sweetspot

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



41.7090, 21.3425, -32.1938



93.1000, 8.3317, -12.3657



55.6080, -9.1737, -44.3832



45.6230, 5.1159, -7.5624



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



41.7090, 21.3425, -32.1938



50.1080, 29.5268, -43.9447



18.8160, 32.6287, -12.1166



41.2170, 0.8790, -1.9443



49.1790, 28.5058, -43.1300



107.7960, 62.7116, -94.5371

Inverse Universe

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



34.2780, 8.7369, 44.4832



40.1860, 11.7403, 61.2269



71.1840, -32.6287, 12.1166



40.5380, 0.7208, 2.1592



39.1750, 11.7457, 59.4825



85.9970, 25.6375, 130.6756

Previews

White Background



This preview shows how the YUV color 41.7090, 21.3425, -32.1938 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 41.7090, 21.3425, -32.1938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

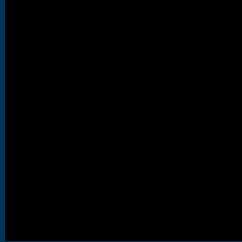
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.7090, 21.3425, -32.1938

Background



This preview shows how black text looks on a background with the YUV color 41.7090, 21.3425, -32.1938.



This preview shows how white text looks on a background with the YUV color 41.7090, 21.3425,

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

41.7090, 21.3425, -32.1938

Protanopia

49.1740, 16.1832, -10.6766

Deuteranopia

46.8030, 18.8311, -19.9982



Tritanopia

39.7120, 10.0020, -34.8274

Trichromacy



Original Color

41.7090, 21.3425, -32.1938

Protanomaly

46.2870, 18.0995, -18.6687

Deuteranomaly

44.7100, 19.8630, -24.3017

Tritanomaly

40.7490, 13.9277, -33.9829

Monochromacy



Original Color

41.7090, 21.3425, -32.1938

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

42.2850, 7.7475, -11.6509

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.7090, 21.3425, -32.1938 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, 52, 85)` looks like.

```
.text, #text, p{  
    color:rgb(5, 52, 85)  
}
```

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, 52, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 52, 85) }
```

Border

The CSS property to change the border of an element to YUV 41.7090, 21.3425, -32.1938 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, 52, 85) }
```


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

```
.border{ border-color:rgb(5, 52, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 52, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 52, 85); -webkit-box-shadow:4px  
4px 4px 4px rgb(5, 52, 85); box-shadow:4px  
4px 4px 4px rgb(5, 52, 85) }
```

Background

The CSS property to change the background color of an element to YUV 41.7090, 21.3425, -32.1938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 52, 85) }
```

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

```
.background{ background-color: rgb(5, 52,  
85) }
```

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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