

Converting Colors

YUV(43.0410, 21.1788,
-26.3460)

Have a look what the booklet for
YUV(43.0410, 21.1788, -26.3460)
contains.

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Color

**YUV(43.0410, 21.1788,
-26.3460)**

Conversions

Conversions Part 1

Format	Color
Hex	0D3256
RGB	13, 50, 86
RGB Percent	5%, 20%, 34%
CMY	0.9490, 0.8039, 0.6627
CMYK	0.85, 0.42, 0.00, 0.66
HSL	210°, 74%, 19%
HSV	210°, 85%, 34%
XYZ	2.9863, 3.0387, 9.2332
YIQ	43.0410, -33.6080, 3.3520

Conversions

Conversions Part 2

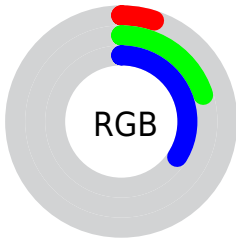
Format	Color
R_{YB}	13, 38, 86
Decimal	864854
CIE _{Lab}	20.20, 1.75, -25.46
CIE _{LCh}	20, 25.517, 273.927
Yxy	3.0387, 0.1957, 0.1991
Android (android.graphics.Color)	4279054934 (0xFF0D3256)
YUV	43.0410, 21.1788, -26.3460
Hunter-Lab	17.4317, 0.0740, -19.2024

Details

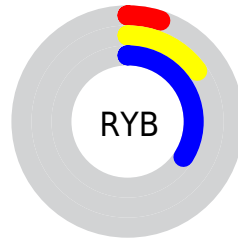
The YUV color **43.0410, 21.1788, -26.3460** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **55.9590, -21.1788, 26.3460**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.4870, 21.4519, -20.5981**, and **5.8480, 17.3299, -5.1287** is the 20% darker color. If you saturate the color by 10%, you get **38.0020, 23.6630, -29.8198**, and if you desaturate by 10%, it is **48.0800, 18.6946, -22.8722**.

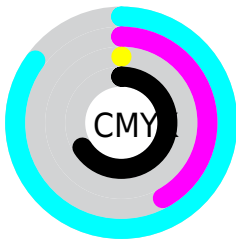
Distribution



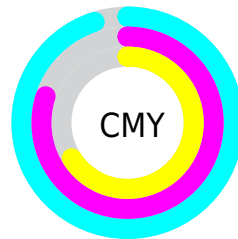
- Red (5%)
- Green (20%)
- Blue (34%)



- Red (5%)
- Yellow (15%)
- Blue (34%)



- Cyan (85%)
- Magenta (42%)
- Yellow (0%)
- Black (66%)



- Cyan (95%)
- Magenta (80%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 43.0410, 21.1788, -26.3460 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 43.0410, 21.1788, -26.3460 by changing the saturation by 10% instead.

■ 43.0410, 21.1788,
-26.3460

■ 43.0410, 21.1788,
-26.3460

■ 255.0000, 0.0000,
0.0000

■ 24.2050, 19.1259,
-21.2278

■ 92.4870, 21.4519,
-20.5981

■ 5.8480, 17.3299,
-5.1287

■ 117.6010, 21.8887,
-20.6981

■ 2.7530, 8.0098,
-2.4144

■ 143.5410, 22.9043,
-19.7685

■ 0.0000, 0.0000,
0.0000

■ 170.2420, 23.0517,
-20.3832

■ 197.7690, 23.7779,
-19.9684

■ 223.6030, 15.4787,

-18.0688

■ 247.8240, 3.5378,
-14.7546

■ 43.0410, 21.1788,
-26.3460

■ 43.0410, 21.1788,
-26.3460

■ 38.0020, 23.6630,
-29.8198

■ 48.0800, 18.6946,
-22.8722

■ 35.6320, 24.8314,
-31.2493

■ 52.8200, 16.3577,
-20.0131

■ 58.4460, 13.5841,
-17.0541

■ 63.1860, 11.2473,
-14.1951

■ 68.2250, 8.7631,
-10.7213

■ 73.2640, 6.2788,
-7.2475

■ 78.5910, 3.6526,
-4.9033

■ 83.6300, 1.1684,
-1.4295

■ 88.3700, -1.1684,
1.4295

Harmonies

Analogous

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



41.6330, 19.9009, -36.5121



43.0410, 21.1788, -26.3460



50.2080, 14.6875, 2.4486

Triad

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



43.0410, 21.1788, -26.3460



48.0700, -9.4015, 28.8796



39.4990, -3.6970, -27.6246

Complementary

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



43.0410, 21.1788, -26.3460



55.9590, -21.1788, 26.3460

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.



44.5850, -14.0924, -6.6520



43.0410, 21.1788, -26.3460



47.7780, -16.6526, 21.2427

Square

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



43.0410, 21.1788, -26.3460



48.6600, -0.8184, 29.2392



46.7180, -19.0880, 9.0173



39.8600, 5.4920, -34.9572

Rectangle

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



43.0410, 21.1788, -26.3460



50.7320, 9.9921, 15.1440



46.7180, -19.0880, 9.0173



41.8160, -7.7973, -19.1326

Sweetspot

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



43.0410, 21.1788, -26.3460



95.4100, 8.1789, -10.0066



59.8410, -5.8376, -41.0796



46.2210, 4.8210, -6.3328



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.



43.0410, 21.1788, -26.3460



46.2270, 32.4261, -40.5411



21.9090, 31.5969, -7.8132



40.6300, 1.1684, -1.4295



43.8960, 31.1103, -38.4968



96.6430, 68.2100, -84.7559

Inverse Universe

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



39.0450, 5.4008, 41.1795



39.9860, 8.3879, 63.1563



77.0910, -31.5969, 7.8132



40.4240, 0.2840, 2.2592



38.1490, 7.8145, 60.3823



83.8310, 17.3383, 132.5752

Previews

White Background



This preview shows how the YUV color 43.0410, 21.1788, -26.3460 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 43.0410, 21.1788, -26.3460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

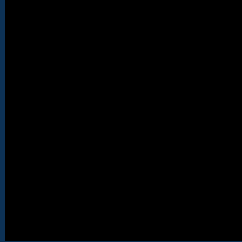
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 43.0410, 21.1788, -26.3460

Background



This preview shows how black text looks on a background with the YUV color 43.0410, 21.1788, -26.3460.



This preview shows how white text looks on a background with the YUV color 43.0410, 21.1788,

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

43.0410, 21.1788, -26.3460

Protanopia

47.6190, 17.9358, -12.8209

Deuteranopia

44.2370, 20.5892, -23.8868



Tritanopia

38.3100, 9.7072, -33.5979

Trichromacy



Original Color

43.0410, 21.1788, -26.3460

Protanomaly

46.2270, 19.1151, -17.7391

Deuteranomaly

43.9380, 20.7366, -24.5016

Tritanomaly

40.3580, 13.6275, -31.0090

Monochromacy



Original Color

43.0410, 21.1788, -26.3460

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

43.2960, 7.7421, -9.9066

CSS Examples

Text

The CSS property to change the color of the text to YUV 43.0410, 21.1788, -26.3460 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(13, 50, 86)` looks like.

```
.text, #text, p{  
    color:rgb(13, 50, 86)  
}
```

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(13, 50, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 50, 86) }
```

Border

The CSS property to change the border of an element to YUV 43.0410, 21.1788, -26.3460 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(13, 50, 86) }
```


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

```
.border{ border-color:rgb(13, 50, 86) }
```

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

Here you see how a box with a 4 pixel rgb(13, 50, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 50, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 50, 86);  
box-shadow:4px 4px 4px 4px rgb(13, 50, 86)  
}
```

Background

The CSS property to change the background color of an element to YUV 43.0410, 21.1788, -26.3460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 50, 86) }
```

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

```
.background{ background-color: rgb(13, 50,  
86) }
```

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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