

Converting Colors

YUV(50.3790, 21.9982, -9.1024)

Have a look what the booklet for
YUV(50.3790, 21.9982, -9.1024)
contains.

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Color

**YUV(50.3790, 21.9982,
-9.1024)**

Conversions

Conversions Part 1

Format	Color
Hex	282F5F
RGB	40, 47, 95
RGB Percent	16%, 18%, 37%
CMY	0.8431, 0.8157, 0.6275
CMYK	0.58, 0.51, 0.00, 0.63
HSL	232°, 41%, 26%
HSV	232°, 58%, 37%
XYZ	3.9571, 3.3104, 11.2569
YIQ	50.3790, -19.5800, 13.4440

Conversions

Conversions Part 2

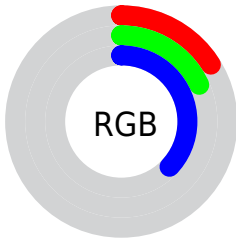
Format	Color
R_{YB}	40, 46, 95
Decimal	2633567
CIE _{Lab}	21.25, 12.75, -29.65
CIE _{LCh}	21, 32.275, 293.268
Yxy	3.3104, 0.2136, 0.1787
Android (android.graphics.Color)	4280823647 (0xFF282F5F)
YUV	50.3790, 21.9982, -9.1024
Hunter-Lab	18.1944, 6.9821, -23.9466

Details

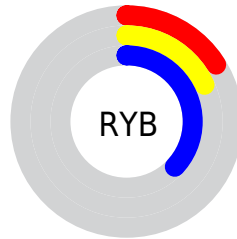
The YUV color **50.3790, 21.9982, -9.1024** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **84.6210, -21.9982, 9.1024**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **98.1450, 23.5925, -7.1432**, and **5.4720, 20.9663, -4.7989** is the 20% darker color. If you saturate the color by 10%, you get **42.9920, 25.6399, -10.5170**, and if you desaturate by 10%, it is **57.7660, 18.3564, -7.6878**.

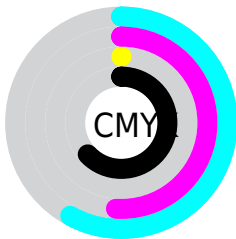
Distribution



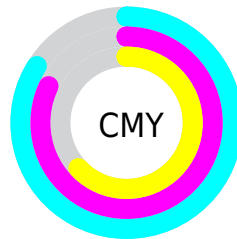
- Red (16%)
- Green (18%)
- Blue (37%)



- Red (16%)
- Yellow (18%)
- Blue (37%)



- Cyan (58%)
- Magenta (51%)
- Yellow (0%)
- Black (63%)



- Cyan (84%)
- Magenta (82%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.3790, 21.9982, -9.1024 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 50.3790, 21.9982, -9.1024 by changing the saturation by 10% instead.

■ 50.3790, 21.9982,
-9.1024

■ 50.3790, 21.9982,
-9.1024

■ 255.0000, 0.0000,
0.0000

■ 27.2430, 21.5722,
-12.4911

■ 98.1450, 23.5925,
-7.1432

■ 5.4720, 20.9663,
-4.7989

■ 123.0850, 24.6081,
-6.2135

■ 3.6650, 11.5042,
-3.2142

■ 149.1990, 25.0449,
-6.3135

■ 0.0000, 0.0000,
0.0000

■ 175.7260, 25.7711,
-5.8987

■ 203.0250, 25.6237,
-5.2839

■ 227.8330, 13.3933,

-2.4845

253.5270, 0.7262,
0.4148

■ 50.3790, 21.9982,
-9.1024

■ 50.3790, 21.9982,
-9.1024

■ 42.9920, 25.6399,
-10.5170

■ 57.7660, 18.3564,
-7.6878

■ 34.7190, 29.7185,
-12.0316

■ 66.0390, 14.2778,
-6.1732

■ 27.3320, 33.3603,
-13.4462

■ 73.7250, 10.4886,
-4.1438

■ 19.6460, 37.1495,
-15.4755

■ 81.1120, 6.8468,
-2.7292

■ 17.8740, 38.0231,
-15.6755

■ 88.7980, 3.0576,
-0.6998

■ 96.7720, -0.8736,
0.2000

■ 104.1590, -4.5154,
1.6146

■ 111.8450, -8.3046,
3.6439

■ 120.1180,
-12.3832, 5.1585

Harmonies

Analogous

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



43.4570, 26.8897, -38.1118



50.3790, 21.9982, -9.1024



52.3780, 13.6176, 18.9625

Triad

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



50.3790, 21.9982, -9.1024



48.7900, -18.1375, 30.8792



41.5240, 1.7137, -36.4165

Complementary

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



50.3790, 21.9982, -9.1024



84.6210, -21.9982, 9.1024

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.



40.6040, -9.6648, -26.8397



50.3790, 21.9982, -9.1024



48.2090, -23.7670, 16.4797

Square

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



50.3790, 21.9982, -9.1024



48.7060, -7.2501, 38.8458



45.7400, -22.5498, -0.6490



44.2600, 12.1968, -38.8160

Rectangle

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



50.3790, 21.9982, -9.1024



51.0330, 6.8857, 31.5431



45.7400, -22.5498, -0.6490



39.9110, -1.9281, -35.0019

Sweetspot

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



50.3790, 21.9982, -9.1024



105.4540, 8.1572, -3.0292



77.7570, 5.0498, -33.1129



51.5420, 4.6628, -2.2293



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.



50.3790, 21.9982, -9.1024



54.0330, 33.5077, -14.0609



52.2500, 21.0758, 6.7968



44.4560, 1.7472, -0.3999



20.9860, 44.8699, -18.4047



45.5570, 95.8604, -39.9535

Inverse Universe

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



57.2430, -5.0498, 33.1129



64.3700, -7.5774, 50.5415



82.7500, -21.0757, -6.7968



45.1960, -0.5896, 2.4591



35.0840, -10.3944, 67.4553



75.2940, -21.8369, 144.4472

Previews

White Background



This preview shows how the YUV color 50.3790, 21.9982, -9.1024 looks on a white background.

Color Contrast Check

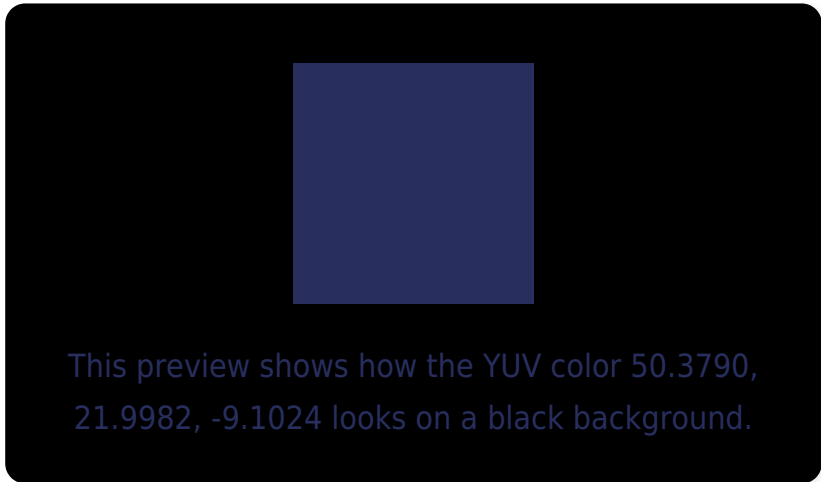
Large Text (above 18pt) WCAG AA ✓ Pass

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

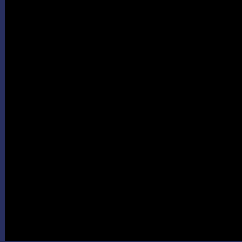
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 50.3790, 21.9982, -9.1024

Background



This preview shows how black text looks on a background with the YUV color 50.3790, 21.9982, -9.1024.



This preview shows how white text looks on a background with the YUV color 50.3790, 21.9982,

-9.1024.

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

50.3790, 21.9982, -9.1024

Protanopia

47.1110, 25.0883, -20.2683

Deuteranopia

41.0120, 25.1371, -35.9675



Tritanopia

46.8990, 6.4588, -18.3284

Trichromacy



Original Color

50.3790, 21.9982, -9.1024

Protanomaly

48.2040, 24.0564, -15.9649

Deuteranomaly

44.4370, 23.9416, -25.8162

Tritanomaly

48.1150, 12.2683, -15.0099

Monochromacy



Original Color

50.3790, 21.9982, -9.1024

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

50.0410, 7.8678, -3.5440

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.3790, 21.9982, -9.1024 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(40, 47, 95)` looks like.

```
.text, #text, p{  
    color:rgb(40, 47, 95)  
}
```

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(40, 47, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 47, 95) }
```

Border

The CSS property to change the border of an element to YUV 50.3790, 21.9982, -9.1024 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(40, 47, 95) }
```


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

```
.border{ border-color:rgb(40, 47, 95) }
```

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

Here you see how a box with a 4 pixel rgb(40, 47, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 47, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 47, 95);  
box-shadow:4px 4px 4px 4px rgb(40, 47, 95)  
}
```

Background

The CSS property to change the background color of an element to YUV 50.3790, 21.9982, -9.1024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 47, 95) }
```

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

```
.background{ background-color: rgb(40, 47,  
95) }
```

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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