

Converting Colors

YUV(25.0390, 14.2778, -6.1732)

Have a look what the booklet for
YUV(25.0390, 14.2778, -6.1732)
contains.

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Color

**YUV(25.0390, 14.2778,
-6.1732)**

Conversions

Conversions Part 1

Format	Color
Hex	121736
RGB	18, 23, 54
RGB Percent	7%, 9%, 21%
CMY	0.9294, 0.9098, 0.7882
CMYK	0.67, 0.57, 0.00, 0.79
HSL	232°, 50%, 14%
HSV	232°, 67%, 21%
XYZ	1.2217, 1.0077, 3.6201
YIQ	25.0390, -12.9310, 8.5810

Conversions

Conversions Part 2

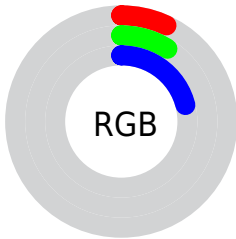
Format	Color
R_{YB}	18, 22, 54
Decimal	1185590
CIE _{Lab}	9.06, 9.13, -21.11
CIE _{LCh}	9, 22.999, 293.376
Yxy	1.0077, 0.2089, 0.1723
Android (android.graphics.Color)	4279375670 (0xFF121736)
YUV	25.0390, 14.2778, -6.1732
Hunter-Lab	10.0386, 4.1561, -14.3543

Details

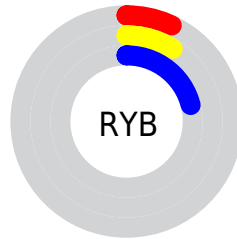
The YUV color **25.0390, 14.2778, -6.1732** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **46.9610, -14.2778, 6.1732**, and the grayscale version is **25.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **68.8050, 15.8721, -4.2140**, and **0.5700, 2.1840, -0.4999** is the 20% darker color. If you saturate the color by 10%, you get **20.6090, 16.4618, -6.6731**, and if you desaturate by 10%, it is **29.4690, 12.0938, -5.6733**.

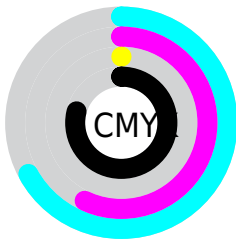
Distribution



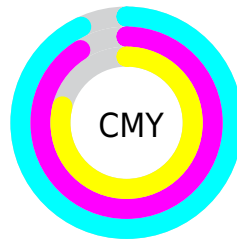
- Red (7%)
- Green (9%)
- Blue (21%)



- Red (7%)
- Yellow (9%)
- Blue (21%)



- Cyan (67%)
- Magenta (57%)
- Yellow (0%)
- Black (79%)



- Cyan (93%)
- Magenta (91%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 25.0390, 14.2778, -6.1732 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 25.0390, 14.2778, -6.1732 by changing the saturation by 10% instead.

■ 25.0390, 14.2778,
-6.1732

■ 25.0390, 14.2778,
-6.1732

■ 249.3960, 2.7628,
0.5297

■ 3.7620, 14.4143,
-3.2993

■ 68.8050, 15.8721,
-4.2140

■ 0.5700, 2.1840,
-0.4999

■ 92.9190, 16.3089,
-4.3140

■ 0.0000, 0.0000,
0.0000

■ 117.4460, 17.0351,
-3.8991

■ 143.5600, 17.4719,
-3.9991

■ 170.0870, 18.1981,
-3.5843

■ 197.2010, 18.6349,

-3.6843

■ 224.2890, 15.1405,
-2.8845

■ 25.0390, 14.2778,
-6.1732

■ 25.0390, 14.2778,
-6.1732

■ 20.6090, 16.4618,
-6.6731

■ 29.4690, 12.0938,
-5.6733

■ 16.4670, 18.5038,
-8.3026

■ 33.6110, 10.0518,
-4.0438

■ 12.0370, 20.6878,
-8.8024

■ 38.0410, 7.8678,
-3.5440

■ 10.8520, 21.2720,
-9.5172

■ 42.7700, 5.5364,
-2.4293

■ 46.6130, 3.6418,
-1.4146

■ 51.0430, 1.4578,
-0.9147

■ 55.7720, -0.8736,
0.2000

■ 59.6150, -2.7682,
1.2146

■ 64.3440, -5.0996,
2.3293

Harmonies

Analogous

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



22.8200, 16.3577, -20.0131



25.0390, 14.2778, -6.1732



26.6670, 8.5452, 12.5700

Triad

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



25.0390, 14.2778, -6.1732



24.0320, -11.8478, 20.1429



21.7650, -0.3771, -19.0879

Complementary

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



25.0390, 14.2778, -6.1732



46.9610, -14.2778, 6.1732

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.



18.7840, -9.2605, -16.4736



25.0390, 14.2778, -6.1732



24.8520, -12.2520, 9.7768

Square

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



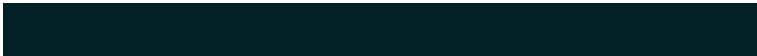
25.0390, 14.2778, -6.1732



23.6720, -5.7543, 25.7207



23.0140, -11.3459, -0.8893



23.5890, 6.6116, -20.6876

Rectangle

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



25.0390, 14.2778, -6.1732



25.0980, 4.8817, 20.9621



23.0140, -11.3459, -0.8893



21.0810, -2.9979, -18.4880

Sweetspot

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



25.0390, 14.2778, -6.1732



59.7700, 5.5364, -2.4293



42.6660, 3.1227, -21.6321



28.6130, 3.6418, -1.4146



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



25.0390, 14.2778, -6.1732



25.1940, 22.5824, -9.8171



25.9910, 13.8084, 4.3929



25.9290, 1.0210, -0.8147



18.1190, 36.4233, -15.8904



42.5760, 86.9770, -37.3392

Inverse Universe

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



29.3340, -3.1227, 21.6321



31.9550, -4.9078, 34.2425



46.0090, -13.8084, -4.3929



26.0110, -0.0054, 1.7444



28.9900, -7.8831, 55.2598



68.9010, -19.1782, 131.6368

Previews

White Background



This preview shows how the YUV color 25.0390, 14.2778, -6.1732 looks on a white background.

Color Contrast Check

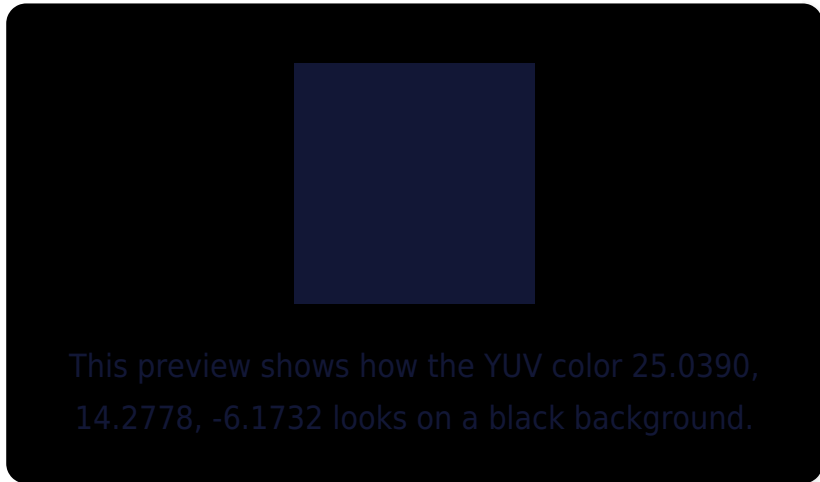
Large Text (above 18pt) WCAG AA ✓ Pass

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

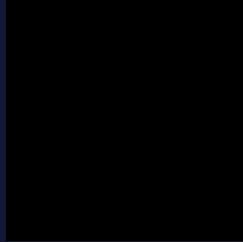
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 25.0390, 14.2778, -6.1732

Background



This preview shows how black text looks on a background with the YUV color 25.0390, 14.2778, -6.1732.



This preview shows how white text looks on a background with the YUV color 25.0390, 14.2778,

-6.1732.

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

25.0390, 14.2778, -6.1732

Protanopia

20.7170, 15.9155, -18.1688

Deuteranopia

21.0930, 12.2792, -18.4986



Tritanopia

20.5570, 5.1484, -18.0285

Trichromacy



Original Color

25.0390, 14.2778, -6.1732

Protanomaly

22.2230, 15.1731, -13.3506

Deuteranomaly

22.9410, 12.8471, -13.9803

Tritanomaly

22.3880, 8.1897, -13.4953

Monochromacy



Original Color

25.0390, 14.2778, -6.1732

Achromatopsia

25.0000, 0.0000, 0.0000

Achromatomaly

24.7700, 5.5364, -2.4293

CSS Examples

Text

The CSS property to change the color of the text to YUV 25.0390, 14.2778, -6.1732 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(18, 23, 54)` looks like.

```
.text, #text, p{  
    color:rgb(18, 23, 54)  
}
```

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(18, 23, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 23, 54) }
```

Border

The CSS property to change the border of an element to YUV 25.0390, 14.2778, -6.1732 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(18, 23, 54) }
```


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

```
.border{ border-color:rgb(18, 23, 54) }
```

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

Here you see how a box with a 4 pixel rgb(18, 23, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 23, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 23, 54);  
box-shadow:4px 4px 4px 4px rgb(18, 23, 54)  
}
```

Background

The CSS property to change the background color of an element to YUV 25.0390, 14.2778, -6.1732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 23, 54) }
```

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

```
.background{ background-color: rgb(18, 23,  
54) }
```

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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