

Converting Colors

YUV(65.3940, 22.4838,
-24.9015)

Have a look what the booklet for
YUV(65.3940, 22.4838, -24.9015)
contains.

YUV(65.3940, 22.4838, -24.9015)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(65.3940, 22.4838,
-24.9015)**

Conversions

Conversions Part 1

Format	Color
Hex	25476F
RGB	37, 71, 111
RGB Percent	15%, 28%, 44%
CMY	0.8549, 0.7216, 0.5647
CMYK	0.67, 0.36, 0.00, 0.56
HSL	212°, 50%, 29%
HSV	212°, 67%, 44%
XYZ	5.8854, 6.0475, 15.8960
YIQ	65.3940, -33.1040, 5.2320

Conversions

Conversions Part 2

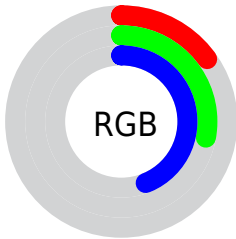
Format	Color
R_{YB}	37, 60, 111
Decimal	2443119
CIE _{Lab}	29.53, 1.55, -26.81
CIE _{LCh}	30, 26.852, 273.314
Yxy	6.0475, 0.2115, 0.2173
Android (android.graphics.Color)	4280633199 (0xFF25476F)
YUV	65.3940, 22.4838, -24.9015
Hunter-Lab	24.5916, -0.3156, -21.1108




Details

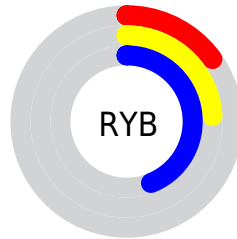
The YUV color **65.3940, 22.4838, -24.9015** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **82.6060, -22.4838, 24.9015**, and the grayscale version is **65.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **115.3450, 23.4939, -22.2276**, and **23.6180, 19.4153, -20.7130** is the 20% darker color. If you saturate the color by 10%, you get **58.5830, 25.8416, -28.5753**, and if you desaturate by 10%, it is **72.2050, 19.1259, -21.2278**.

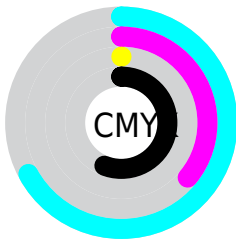
Distribution







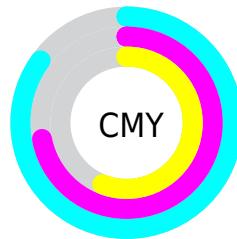
-  Red (15%)
-  Green (28%)
-  Blue (44%)






-  Red (15%)
-  Yellow (24%)
-  Blue (44%)



-  Cyan (67%)
-  Magenta (36%)
-  Yellow (0%)
-  Black (56%)



-  Cyan (85%)
-  Magenta (72%)
-  Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.3940, 22.4838, -24.9015 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 65.3940, 22.4838, -24.9015 by changing the saturation by 10% instead.

■ 65.3940, 22.4838,
-24.9015

■ 65.3940, 22.4838,
-24.9015

■ 255.0000, 0.0000,
0.0000

■ 39.1650, 23.0897,
-32.5937

■ 115.3450, 23.4939,
-22.2276

■ 23.6180, 19.4153,
-20.7130

■ 141.4590, 23.9307,
-22.3275

■ 6.4350, 17.0405,
-5.6435

■ 167.9860, 24.6569,
-21.9127

■ 2.7530, 8.0098,
-2.4144

■ 195.5130, 25.3831,
-21.4979

■ 0.0000, 0.0000,
0.0000

■ 221.2330, 16.6471,
-19.4983

■ 246.6280, 4.1274,

-17.2138

■ 65.3940, 22.4838,
-24.9015

■ 65.3940, 22.4838,
-24.9015

■ 58.5830, 25.8416,
-28.5753

■ 72.2050, 19.1259,
-21.2278

■ 51.7720, 29.1994,
-32.2490

■ 79.0160, 15.7681,
-17.5540

■ 44.9610, 32.5572,
-35.9228

■ 85.8270, 12.4103,
-13.8803

■ 42.5910, 33.7256,
-37.3523

■ 92.6380, 9.0525,
-10.2065

■ 99.7480, 5.5472,
-5.9180

■ 106.5590, 2.1894,
-2.2442

■ 113.3700, -1.1684,
1.4295

■ 120.1810, -4.5262,
5.1033

■ 126.9920, -7.8841,
8.7770

Harmonies

Analogous

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



57.2830, 24.0175, -50.2372



65.3940, 22.4838, -24.9015



70.9630, 16.2872, 2.6634

Triad

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



65.3940, 22.4838, -24.9015



69.7500, -10.7227, 32.6683



61.0430, -5.4442, -27.2247

Complementary

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



65.3940, 22.4838, -24.9015



82.6060, -22.4838, 24.9015

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.



65.1290, -15.8396, -6.2521



65.3940, 22.4838, -24.9015



69.0450, -18.2632, 24.5165

Square

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



65.3940, 22.4838, -24.9015



70.5680, -1.2660, 32.8279



67.5010, -19.9670, 10.9616



55.0540, 7.8614, -48.2824

Rectangle

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



65.3940, 22.4838, -24.9015



72.0850, 11.2971, 16.5885



67.5010, -19.9670, 10.9616



63.0610, -9.3971, -19.3475

Sweetspot

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



65.3940, 22.4838, -24.9015



127.5240, 8.6157, -10.1065



84.8840, -4.3798, -41.9943



62.7480, 5.5472, -5.9180



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



65.3940, 22.4838, -24.9015



73.3350, 35.3308, -38.8818



46.0340, 32.0282, -6.1688



52.4450, 1.7526, -2.1443



45.9650, 36.4993, -40.3113



95.0760, 74.8985, -83.3817

Inverse Universe

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



63.0020, 3.9430, 42.0942



69.7260, 6.0511, 66.0153



101.9660, -32.0282, 6.1688



52.1360, 0.4260, 3.3887



42.1500, 6.3351, 68.2745



86.8490, 13.3854, 140.4524

Previews

White Background



This preview shows how the YUV color 65.3940, 22.4838, -24.9015 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 65.3940, 22.4838, -24.9015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

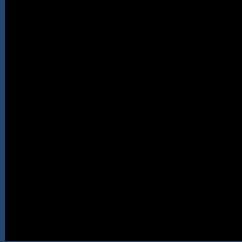
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 65.3940, 22.4838, -24.9015

Background



This preview shows how black text looks on a background with the YUV color 65.3940, 22.4838, -24.9015.



This preview shows how white text looks on a background with the YUV color 65.3940, 22.4838,

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

65.3940, 22.4838, -24.9015

Protanopia

68.6730, 19.3882, -11.9912

Deuteranopia

67.1990, 21.5939, -19.4685



Tritanopia

60.3420, 11.1704, -36.2569

Trichromacy



Original Color

65.3940, 22.4838, -24.9015

Protanomaly

67.2810, 20.5675, -16.9094

Deuteranomaly

66.3020, 22.0361, -21.3129

Tritanomaly

62.4010, 15.0853, -31.9237

Monochromacy



Original Color

65.3940, 22.4838, -24.9015

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

65.1220, 8.3209, -8.8770

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.3940, 22.4838, -24.9015 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(37, 71, 111)` looks like.

```
.text, #text, p{  
    color:rgb(37, 71, 111)  
}
```

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(37, 71, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 71, 111) }
```

Border

The CSS property to change the border of an element to YUV 65.3940, 22.4838, -24.9015 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(37, 71, 111) }
```


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

```
.border{ border-color:rgb(37, 71, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 71, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 71, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 71, 111);  
box-shadow:4px 4px 4px 4px rgb(37, 71,  
111) }
```

Background

The CSS property to change the background color of an element to YUV 65.3940, 22.4838, -24.9015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 71, 111) }
```

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

```
.background{ background-color: rgb(37, 71,  
111) }
```

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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