

Converting Colors

YUV(64.7530, 21.3208,
-25.2164)

Have a look what the booklet for
YUV(64.7530, 21.3208, -25.2164)
contains.

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Color

**YUV(64.7530, 21.3208,
-25.2164)**

Conversions

Conversions Part 1

Format	Color
Hex	24476C
RGB	36, 71, 108
RGB Percent	14%, 28%, 42%
CMY	0.8588, 0.7216, 0.5765
CMYK	0.67, 0.34, 0.00, 0.58
HSL	211°, 50%, 28%
HSV	211°, 67%, 42%
XYZ	5.6876, 5.9643, 15.0388
YIQ	64.7530, -32.7370, 4.0870

Conversions

Conversions Part 2

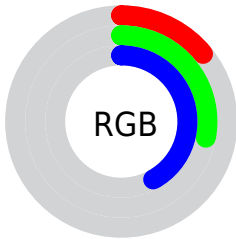
Format	Color
R_{YB}	36, 60, 108
Decimal	2377580
CIE _{Lab}	29.32, 0.21, -25.24
CIE _{LCh}	29, 25.242, 270.488
Yxy	5.9643, 0.2131, 0.2235
Android (android.graphics.Color)	4280567660 (0xFF24476C)
YUV	64.7530, 21.3208, -25.2164
Hunter-Lab	24.4218, -1.1676, -19.4151

Details

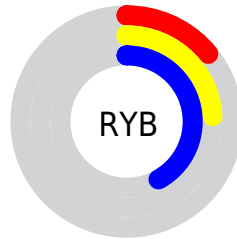
The YUV color **64.7530, 21.3208, -25.2164** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **79.2470, -21.3208, 25.2164**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.7040, 22.3309, -22.5424**, and **23.2760, 18.1049, -20.4131** is the 20% darker color. If you saturate the color by 10%, you get **57.9420, 24.6786, -28.8901**, and if you desaturate by 10%, it is **71.5640, 17.9629, -21.5426**.

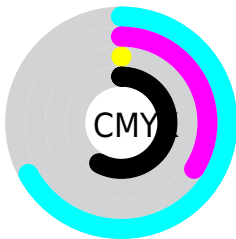
Distribution



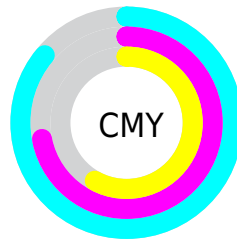
- Red (14%)
- Green (28%)
- Blue (42%)



- Red (14%)
- Yellow (24%)
- Blue (42%)



- Cyan (67%)
- Magenta (34%)
- Yellow (0%)
- Black (58%)



- Cyan (86%)
- Magenta (72%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.7530, 21.3208, -25.2164 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 64.7530, 21.3208, -25.2164 by changing the saturation by 10% instead.

■ 64.7530, 21.3208,
-25.2164

■ 64.7530, 21.3208,
-25.2164

■ 255.0000, 0.0000,
0.0000

■ 38.9370, 22.2161,
-32.3937

■ 114.7040, 22.3309,
-22.5424

■ 23.2760, 18.1049,
-20.4131

■ 140.8180, 22.7677,
-22.6424

■ 6.0930, 15.7302,
-5.3436

■ 167.3450, 23.4939,
-22.2276

■ 2.4110, 6.6994,
-2.1144

■ 194.4590, 23.9307,
-22.3275

■ 0.0000, 0.0000,
0.0000

■ 220.6350, 16.9419,
-20.7279

■ 246.0300, 4.4222,

-18.4433

■ 64.7530, 21.3208,
-25.2164

■ 64.7530, 21.3208,
-25.2164

■ 57.9420, 24.6786,
-28.8901

■ 71.5640, 17.9629,
-21.5426

■ 51.7180, 27.7470,
-33.0787

■ 77.7880, 14.8945,
-17.3541

■ 45.2060, 30.9574,
-36.1377

■ 84.3000, 11.6841,
-14.2951

■ 43.4230, 31.8365,
-38.0820

■ 90.5240, 8.6157,
-10.1065

■ 97.3350, 5.2578,
-6.4328

■ 103.5590, 2.1894,
-2.2442

■ 110.3700, -1.1684,
1.4295

■ 116.2950, -4.0894,
5.0033

■ 123.1060, -7.4473,
8.6770

Harmonies

Analogous

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



56.3540, 22.9965, -49.4225



64.7530, 21.3208, -25.2164



70.5390, 16.0033, 0.4043

Triad

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



64.7530, 21.3208, -25.2164



69.3800, -9.5543, 31.2387



61.5490, -6.1867, -22.4065

Complementary

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



64.7530, 21.3208, -25.2164



79.2470, -21.3208, 25.2164

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.



65.5530, -15.5556, -3.9930



64.7530, 21.3208, -25.2164



68.5010, -16.5160, 24.1166

Square

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



64.7530, 21.3208, -25.2164



70.4860, -0.2396, 30.2688



67.4410, -18.9514, 11.8912



54.2390, 7.2772, -47.5676

Rectangle

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



64.7530, 21.3208, -25.2164



71.3620, 11.1605, 13.7145



67.4410, -18.9514, 11.8912



62.9690, -9.8447, -15.7588

Sweetspot

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



64.7530, 21.3208, -25.2164



123.4100, 8.1789, -10.0066



82.3680, -5.1114, -40.6647



61.2210, 4.8210, -6.3328



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



64.7530, 21.3208, -25.2164



73.0530, 33.0049, -39.5115



44.2080, 31.4495, -7.1984



50.4450, 1.7526, -2.1443



46.7970, 34.6101, -41.0410



97.7830, 72.5780, -85.7557

Inverse Universe

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



61.5180, 4.6746, 40.7647



67.7580, 7.5143, 63.3562



99.7920, -31.4495, 7.1984



50.1360, 0.4260, 3.3887



41.4810, 7.6509, 66.2302



86.8210, 15.8642, 138.7230

Previews

White Background



This preview shows how the YUV color 64.7530, 21.3208, -25.2164 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 64.7530, 21.3208, -25.2164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

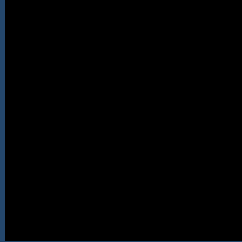
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

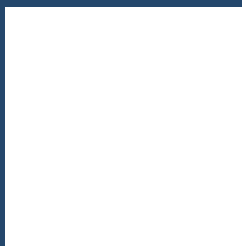
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 64.7530, 21.3208, -25.2164

Background



This preview shows how black text looks on a background with the YUV color 64.7530, 21.3208, -25.2164.



This preview shows how white text looks on a background with the YUV color 64.7530, 21.3208,

-25.2164.

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

64.7530, 21.3208, -25.2164

Protanopia

68.6300, 17.9304, -11.0765

Deuteranopia

66.8680, 20.2781, -17.4242



Tritanopia

59.9400, 10.8756, -35.0274

Trichromacy



Original Color

64.7530, 21.3208, -25.2164

Protanomaly

67.2380, 19.1097, -15.9947

Deuteranomaly

66.2590, 20.5783, -20.3981

Tritanomaly

61.5860, 14.5011, -31.2089

Monochromacy



Original Color

64.7530, 21.3208, -25.2164

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

64.7090, 8.0315, -9.3918

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.7530, 21.3208, -25.2164 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(36, 71, 108)` looks like.

```
.text, #text, p{  
    color:rgb(36, 71, 108)  
}
```

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(36, 71, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 71, 108) }
```

Border

The CSS property to change the border of an element to YUV 64.7530, 21.3208, -25.2164 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(36, 71, 108) }
```


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

```
.border{ border-color:rgb(36, 71, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 71, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 71, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 71, 108);  
box-shadow:4px 4px 4px 4px rgb(36, 71,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 64.7530, 21.3208, -25.2164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 71, 108) }
```

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

```
.background{ background-color: rgb(36, 71,  
108) }
```

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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