

Converting Colors

YUV(72.8060, 24.2526,
-32.2789)

Have a look what the booklet for
YUV(72.8060, 24.2526, -32.2789)
contains.

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Color

**YUV(72.8060, 24.2526,
-32.2789)**

Conversions

Conversions Part 1

Format	Color
Hex	24527A
RGB	36, 82, 122
RGB Percent	14%, 32%, 48%
CMY	0.8588, 0.6784, 0.5216
CMYK	0.70, 0.33, 0.00, 0.52
HSL	208°, 54%, 31%
HSV	208°, 70%, 48%
XYZ	7.2577, 7.8148, 19.5382
YIQ	72.8060, -40.2560, 2.6880

Conversions

Conversions Part 2

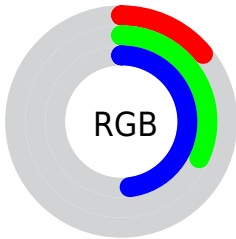
Format	Color
R _Y B	36, 66, 122
Decimal	2380410
CIE Lab	33.59, -1.64, -27.30
CIE LCh	34, 27.350, 266.554
Yxy	7.8148, 0.2097, 0.2258
Android (android.graphics.Color)	4280570490 (0xFF24527A)
YUV	72.8060, 24.2526, -32.2789
Hunter-Lab	27.9550, -2.5788, -21.8704




Details

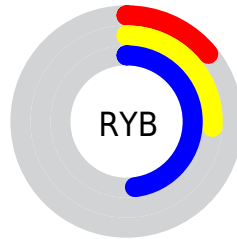
The YUV color **72.8060, 24.2526, -32.2789** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **85.1940, -24.2526, 32.2789**, and the grayscale version is **73.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **124.0560, 25.1154, -28.9901**, and **30.6280, 20.8894, -26.8608** is the 20% darker color. If you saturate the color by 10%, you get **65.6960, 27.7579, -36.5674**, and if you desaturate by 10%, it is **79.9160, 20.7474, -27.9903**.

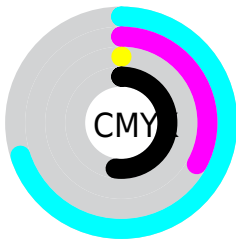
Distribution







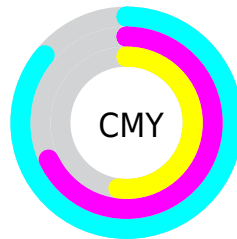
-  Red (14%)
-  Green (32%)
-  Blue (48%)






-  Red (14%)
-  Yellow (26%)
-  Blue (48%)



-  Cyan (70%)
-  Magenta (33%)
-  Yellow (0%)
-  Black (52%)



-  Cyan (86%)
-  Magenta (68%)
-  Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.8060, 24.2526, -32.2789 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 72.8060, 24.2526, -32.2789 by changing the saturation by 10% instead.

■ 72.8060, 24.2526,
-32.2789

■ 72.8060, 24.2526,
-32.2789

■ 255.0000, 0.0000,
0.0000

■ 45.6910, 25.2953,
-40.0710

■ 124.0560, 25.1154,
-28.9901

■ 30.6280, 20.8894,
-26.8608

■ 150.4690, 25.4048,
-28.4753

■ 15.6790, 16.9203,
-13.7505

■ 177.5830, 25.8416,
-28.5753

■ 4.4800, 12.0884,
-3.9290

■ 205.2410, 24.5312,
-28.2754

■ 0.0000, 0.0000,
0.0000

■ 230.3480, 12.1534,
-24.8612

■ 247.5250, 3.6852,

-15.3694

■ 72.8060, 24.2526,
-32.2789

■ 72.8060, 24.2526,
-32.2789

■ 65.6960, 27.7579,
-36.5674

■ 79.9160, 20.7474,
-27.9903

■ 59.1730, 30.9737,
-41.3707

■ 86.4390, 17.5316,
-23.1870

■ 52.0630, 34.4789,
-45.6593

■ 93.8480, 13.8789,
-18.2837

■ 100.9580, 10.3737,
-13.9952

■ 107.4810, 7.1579,
-9.1918

■ 114.5910, 3.6526,
-4.9033

■ 121.7010, 0.1474,
-0.6148

■ 128.5230, -3.2158,
4.8033

■ 135.6330, -6.7211,
9.0919

Harmonies

Analogous

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



64.1790, 25.0548, -56.2850



72.8060, 24.2526, -32.2789



79.9130, 18.7769, -2.5547

Triad

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



72.8060, 24.2526, -32.2789



79.8150, -9.2758, 35.2422



71.5660, -8.6600, -22.4214

Complementary

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



72.8060, 24.2526, -32.2789



85.1940, -24.2526, 32.2789

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.



74.9940, -17.7450, -1.7487



72.8060, 24.2526, -32.2789



78.5940, -17.5478, 28.4201

Square

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



72.8060, 24.2526, -32.2789



80.4370, 0.7706, 32.9428



77.2950, -20.8514, 14.6503



61.4940, 7.1515, -53.9302

Rectangle

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



72.8060, 24.2526, -32.2789



81.6330, 13.4919, 12.5999



77.2950, -20.8514, 14.6503



73.2850, -12.4655, -15.1589

Sweetspot

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



72.8060, 24.2526, -32.2789



139.3280, 9.2053, -12.5657



90.9280, -7.8525, -48.1719



67.7370, 5.5527, -7.6623



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



72.8060, 24.2526, -32.2789



81.5400, 37.6948, -50.4626



48.1520, 36.4071, -10.6573



57.4450, 1.7526, -2.1443



53.5790, 35.2106, -46.9888



107.9730, 71.0053, -94.6923

Inverse Universe

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



66.9580, 7.4157, 48.2718



72.2740, 11.6969, 75.1817



109.8480, -36.4071, 10.6573



57.1360, 0.4260, 3.3887



45.0130, 10.8396, 70.1486



90.7380, 21.8212, 141.4268

Previews

White Background



This preview shows how the YUV color 72.8060, 24.2526, -32.2789 looks on a white background.

Color Contrast Check

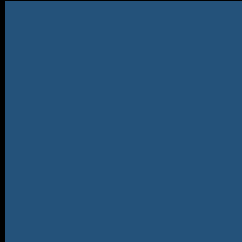
Large Text (above 18pt) WCAG AA ✓ Pass

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 72.8060, 24.2526, -32.2789 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 72.8060, 24.2526, -32.2789

Background



This preview shows how black text looks on a background with the YUV color 72.8060, 24.2526, -32.2789.

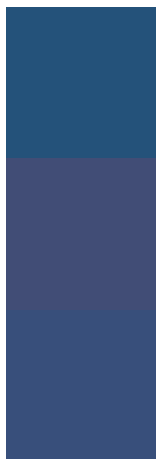


This preview shows how white text looks on a background with the YUV color 72.8060, 24.2526,

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

72.8060, 24.2526, -32.2789

Protanopia

78.0860, 19.6776, -11.4764

Deuteranopia

77.1390, 22.6095, -18.5389



Tritanopia

65.4870, 14.5499, -46.9081

Trichromacy



Original Color

72.8060, 24.2526, -32.2789

Protanomaly

76.0850, 21.1571, -19.3685

Deuteranomaly

75.6330, 23.3519, -23.3571

Tritanomaly

68.1440, 18.1700, -41.3453

Monochromacy



Original Color

72.8060, 24.2526, -32.2789

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.9260, 8.9105, -11.3361

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.8060, 24.2526, -32.2789 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, 82, 122)` looks like.

```
.text, #text, p{  
    color:rgb(36, 82, 122)  
}
```

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, 82, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 82, 122) }
```

Border

The CSS property to change the border of an element to YUV 72.8060, 24.2526, -32.2789 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, 82, 122) }
```


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

```
.border{ border-color:rgb(36, 82, 122) }
```

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

Here you see how a box with a 4 pixel rgb(36, 82, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 82, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 82, 122);  
box-shadow:4px 4px 4px 4px rgb(36, 82,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 72.8060, 24.2526, -32.2789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 82, 122) }
```

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

```
.background{ background-color: rgb(36, 82,  
122) }
```

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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