

Converting Colors

YUV(90.7400, 24.2852,
-42.7450)

Have a look what the booklet for
YUV(90.7400, 24.2852, -42.7450)
contains.

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Color

**YUV(90.7400, 24.2852,
-42.7450)**

Conversions

Conversions Part 1

Format	Color
Hex	2A6A8C
RGB	42, 106, 140
RGB Percent	16%, 42%, 55%
CMY	0.8353, 0.5843, 0.4510
CMYK	0.70, 0.24, 0.00, 0.45
HSL	201°, 54%, 36%
HSV	201°, 70%, 55%
XYZ	10.8425, 12.6938, 26.6896
YIQ	90.7400, -49.0580, -2.9940

Conversions

Conversions Part 2

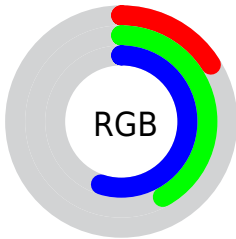
Format	Color
R_{YB}	42, 81, 140
Decimal	2779788
CIE _{Lab}	42.30, -8.79, -24.65
CIE _{LCh}	42, 26.174, 250.374
Yxy	12.6938, 0.2159, 0.2527
Android (android.graphics.Color)	4280969868 (0xFF2A6A8C)
YUV	90.7400, 24.2852, -42.7450
Hunter-Lab	35.6283, -8.0279, -19.4751

Details

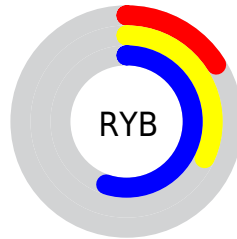
The YUV color **90.7400, 24.2852, -42.7450** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **91.2600, -24.2852, 42.7450**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.1750, 24.5637, -38.7415**, and **44.8930, 22.2378, -39.3712** is the 20% darker color. If you saturate the color by 10%, you get **83.6190, 27.7958, -48.7779**, and if you desaturate by 10%, it is **97.8610, 20.7745, -36.7121**.

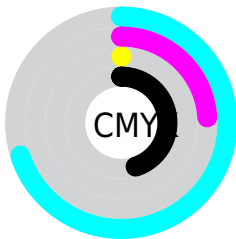
Distribution



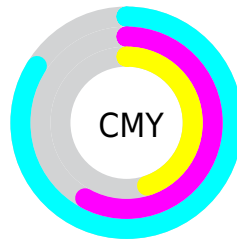
- Red (16%)
- Green (42%)
- Blue (55%)



- Red (16%)
- Yellow (32%)
- Blue (55%)



- Cyan (70%)
- Magenta (24%)
- Yellow (0%)
- Black (45%)



- Cyan (84%)
- Magenta (58%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.7400, 24.2852, -42.7450 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 90.7400, 24.2852, -42.7450 by changing the saturation by 10% instead.

■ 90.7400, 24.2852,
-42.7450

■ 90.7400, 24.2852,
-42.7450

■ 255.0000, 0.0000,
0.0000

■ 61.1300, 26.0649,
-53.6110

■ 144.1750, 24.5637,
-38.7415

■ 44.8930, 22.2378,
-39.3712

■ 171.2890, 25.0005,
-38.8415

■ 29.2430, 18.1212,
-25.6461

■ 199.2890, 25.0005,
-38.8415

■ 14.9950, 14.2995,
-13.1506

■ 224.6670, 14.9542,
-36.5420

■ 3.2090, 9.7570,
-2.8143

■ 242.1430, 6.3385,
-26.4354

■ 0.0000, 0.0000,
0.0000

■ 250.8140, 2.0637,

-8.6069

■ 90.7400, 24.2852,
-42.7450

■ 90.7400, 24.2852,
-42.7450

■ 83.6190, 27.7958,
-48.7779

■ 97.8610, 20.7745,
-36.7121

■ 76.4980, 31.3065,
-54.8107

■ 104.9820, 17.2639,
-30.6792

■ 69.3770, 34.8171,
-60.8436

■ 112.1030, 13.7532,
-24.6463

■ 118.6370, 10.5320,
-18.0986

■ 125.7580, 7.0213,
-12.0658

■ 132.8790, 3.5107,
-6.0329

■ 140.0000, 0.0000,
0.0000

■ 147.1210, -3.5107,
6.0329

■ 154.2420, -7.0213,
12.0658

Harmonies

Analogous

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



79.0480, 23.6403, -69.3251



90.7400, 24.2852, -42.7450



98.5200, 21.4356, -15.3650

Triad

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



90.7400, 24.2852, -42.7450



101.7810, -4.3290, 35.2721



95.1500, -14.3710, -10.6556

Complementary

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



90.7400, 24.2852, -42.7450



91.2600, -24.2852, 42.7450

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.



97.7780, -20.1036, 8.0877



90.7400, 24.2852, -42.7450



100.9520, -13.7803, 33.3681

Square

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



90.7400, 24.2852, -42.7450



102.7720, 6.0284, 26.5100



99.5780, -20.0050, 23.1721



91.0040, -2.9600, -30.6985

Rectangle

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



90.7400, 24.2852, -42.7450



101.5930, 17.4557, 1.2339



99.5780, -20.0050, 23.1721



95.9120, -16.7186, -4.3078

Sweetspot

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



90.7400, 24.2852, -42.7450



162.0070, 9.3635, -16.6691



103.2880, -13.9460, -53.7496



80.4270, 5.7055, -10.0215



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



90.7400, 24.2852, -42.7450



104.4410, 37.7436, -66.1618



62.5640, 38.1759, -18.0346



65.1460, 1.9000, -2.7590



66.2310, 32.9171, -58.0846



2.3310, 1.3158, -2.0443

Inverse Universe

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



78.5980, 13.5092, 53.8496



85.7340, 20.8371, 83.5483



119.4360, -38.1759, 18.0346



64.5490, 0.7153, 3.9035



49.6850, 18.3963, 73.0673



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 90.7400, 24.2852, -42.7450 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 × Fail

Black Background



This preview shows how the YUV color 90.7400, 24.2852, -42.7450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

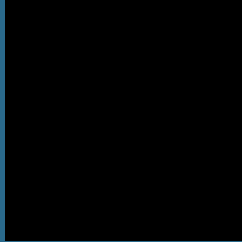
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.7400, 24.2852, -42.7450

Background



This preview shows how black text looks on a background with the YUV color 90.7400, 24.2852, -42.7450.

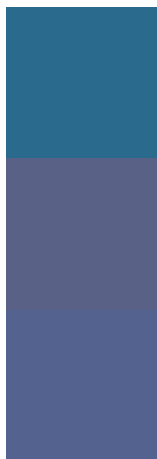


This preview shows how white text looks on a background with the YUV color 90.7400, 24.2852, -42.7450.

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

90.7400, 24.2852, -42.7450

Protanopia

99.4130, 17.0514, -9.1322

Deuteranopia

98.5310, 21.4302, -13.6207



Tritanopia

86.2090, 16.1660, -51.9263

Trichromacy



Original Color

90.7400, 24.2852, -42.7450

Protanomaly

96.3190, 19.5627, -21.3278

Deuteranomaly

95.6930, 22.3364, -24.2868

Tritanomaly

88.0290, 19.2127, -49.1374

Monochromacy



Original Color

90.7400, 24.2852, -42.7450

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

90.6050, 9.0687, -15.4396

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.7400, 24.2852, -42.7450 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(42, 106, 140)` looks like.

```
.text, #text, p{  
    color:rgb(42, 106, 140)  
}
```

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(42, 106, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 106, 140) }
```

Border

The CSS property to change the border of an element to YUV 90.7400, 24.2852, -42.7450 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(42, 106, 140) }
```


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

```
.border{ border-color:rgb(42, 106, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 106, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 106, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 106, 140);  
box-shadow:4px 4px 4px 4px rgb(42, 106,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 90.7400, 24.2852, -42.7450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 106, 140) }
```

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

```
.background{ background-color: rgb(42, 106,  
140) }
```

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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