

Converting Colors

YUV(90.2800, 22.0470,
-24.8016)

Have a look what the booklet for
YUV(90.2800, 22.0470, -24.8016)
contains.

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Color

**YUV(90.2800, 22.0470,
-24.8016)**

Conversions

Conversions Part 1

Format	Color
Hex	3E6087
RGB	62, 96, 135
RGB Percent	24%, 38%, 53%
CMY	0.7569, 0.6235, 0.4706
CMYK	0.54, 0.29, 0.00, 0.47
HSL	212°, 37%, 39%
HSV	212°, 54%, 53%
XYZ	10.5427, 11.1391, 24.5161
YIQ	90.2800, -32.7830, 4.9210

Conversions

Conversions Part 2

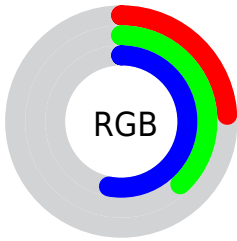
Format	Color
R_{YB}	62, 85, 135
Decimal	4087943
CIE _{Lab}	39.81, -0.34, -25.44
CIE _{LCh}	40, 25.444, 269.235
Yxy	11.1391, 0.2282, 0.2411
Android (android.graphics.Color)	4282278023 (0xFF3E6087)
YUV	90.2800, 22.0470, -24.8016
Hunter-Lab	33.3754, -2.0221, -20.1891

Details

The YUV color **90.2800, 22.0470, -24.8016** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **106.7200, -22.0470, 24.8016**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.2200, 23.0625, -23.8719**, and **39.0400, 22.6583, -34.2381** is the 20% darker color. If you saturate the color by 10%, you get **82.2840, 25.9890, -29.1901**, and if you desaturate by 10%, it is **98.5750, 17.9575, -19.7983**.

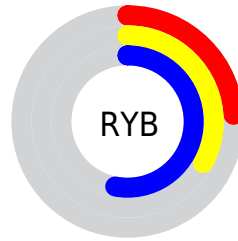
Distribution



Red (24%)

Green (38%)

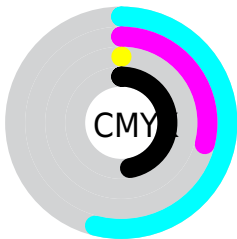
Blue (53%)



Red (24%)

Yellow (33%)

Blue (53%)

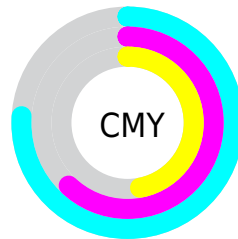


Cyan (54%)

Magenta (29%)

Yellow (0%)

Black (47%)



Cyan (76%)

Magenta (62%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.2800, 22.0470, -24.8016 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 90.2800, 22.0470, -24.8016 by changing the saturation by 10% instead.

■ 90.2800, 22.0470,
-24.8016

■ 90.2800, 22.0470,
-24.8016

■ 255.0000, 0.0000,
0.0000

■ 65.2690, 22.0524,
-26.5459

■ 141.2200, 23.0625,
-23.8719

■ 39.0400, 22.6583,
-34.2381

■ 168.3340, 23.4993,
-23.9719

■ 24.0910, 18.6891,
-21.1278

■ 195.8610, 24.2255,
-23.5571

■ 6.3210, 16.6037,
-5.5435

■ 221.8090, 16.3632,
-21.7575

■ 2.5250, 7.1362,
-2.2144

■ 246.0300, 4.4222,
-18.4433

■ 0.0000, 0.0000,
0.0000

254.7010, 0.1474,

-0.6148

■ 90.2800, 22.0470,
-24.8016

■ 90.2800, 22.0470,
-24.8016

■ 82.2840, 25.9890,
-29.1901

■ 98.5750, 17.9575,
-19.7983

■ 73.9890, 30.0784,
-34.1934

■ 106.5710, 14.0155,
-15.4098

■ 65.1070, 34.4572,
-38.6818

■ 115.4530, 9.6367,
-10.9213

■ 57.1110, 38.3993,
-43.0703

■ 123.4490, 5.6946,
-6.5328

■ 52.3710, 40.7361,
-45.9294

■ 131.7440, 1.6052,
-1.5295

■ 139.7400, -2.3368,
2.8590

■ 147.7360, -6.2788,
7.2475

■ 156.6180,
-10.6577, 11.7360

■ 164.9130,
-14.7471, 16.7393

Harmonies

Analogous

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



80.2720, 24.0229, -51.9815



90.2800, 22.0470, -24.8016



95.4680, 17.0243, -0.4104

Triad

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



90.2800, 22.0470, -24.8016



94.6900, -9.7072, 33.5979



87.2070, -7.4971, -22.1065

Complementary

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



90.2800, 22.0470, -24.8016



106.7200, -22.0470, 24.8016

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.



90.3250, -16.4292, -3.7930



90.2800, 22.0470, -24.8016



93.6970, -17.1056, 26.5757

Square

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



90.2800, 22.0470, -24.8016



96.0840, -0.5344, 31.4983



92.2240, -19.8304, 13.8356



81.8050, 5.5191, -43.6790

Rectangle

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



90.2800, 22.0470, -24.8016



96.8890, 11.8867, 14.1293



92.2240, -19.8304, 13.8356



88.3280, -11.0077, -16.0737

Sweetspot

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



90.2800, 22.0470, -24.8016



158.8230, 8.4683, -9.4918



109.2970, -4.0904, -41.4795



78.6340, 5.1104, -5.8180



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



90.2800, 22.0470, -24.8016



106.1070, 34.4572, -38.6818



70.9200, 31.5914, -6.0688



62.4450, 1.7526, -2.1443



50.6270, 39.1309, -44.3999



0.9290, 1.0210, -0.8147

Inverse Universe

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



87.7030, 4.0904, 41.4795



102.1280, 6.3459, 64.7857



126.0800, -31.5914, 6.0688



62.1360, 0.4260, 3.3887



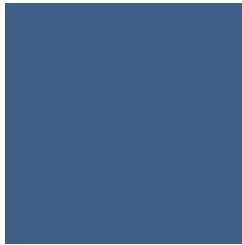
45.8240, 7.4818, 73.8224



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 90.2800, 22.0470, -24.8016 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 90.2800, 22.0470, -24.8016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

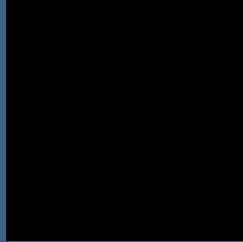
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

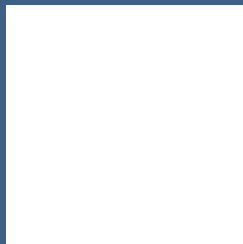
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 90.2800, 22.0470, -24.8016

Background



This preview shows how black text looks on a background with the YUV color 90.2800, 22.0470, -24.8016.

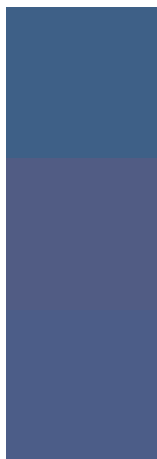


This preview shows how white text looks on a background with the YUV color 90.2800, 22.0470,

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

90.2800, 22.0470, -24.8016

Protanopia

93.2710, 19.0934, -10.7617

Deuteranopia

92.8190, 21.2882, -14.7503



Tritanopia

87.5600, 10.5699, -30.3091

Trichromacy



Original Color

90.2800, 22.0470, -24.8016

Protanomaly

91.8790, 20.2727, -15.6799

Deuteranomaly

91.9110, 21.7359, -18.3389

Tritanomaly

88.3090, 14.6377, -28.3350

Monochromacy



Original Color

90.2800, 22.0470, -24.8016

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.0080, 7.8841, -8.7770

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.2800, 22.0470, -24.8016 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(62, 96, 135)` looks like.

```
.text, #text, p{  
    color:rgb(62, 96, 135)  
}
```

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(62, 96, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 96, 135) }
```

Border

The CSS property to change the border of an element to YUV 90.2800, 22.0470, -24.8016 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(62, 96, 135) }
```


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

```
.border{ border-color:rgb(62, 96, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 96, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 96, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 96, 135);  
box-shadow:4px 4px 4px 4px rgb(62, 96,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 90.2800, 22.0470, -24.8016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 96, 135) }
```

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

```
.background{ background-color: rgb(62, 96,  
135) }
```

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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