

Converting Colors

YUV(89.1320, 26.5569,
-24.6718)

Have a look what the booklet for
YUV(89.1320, 26.5569, -24.6718)
contains.

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Color

**YUV(89.1320, 26.5569,
-24.6718)**

Conversions

Conversions Part 1

Format	Color
Hex	3D5D8F
RGB	61, 93, 143
RGB Percent	24%, 36%, 56%
CMY	0.7608, 0.6353, 0.4392
CMYK	0.57, 0.35, 0.00, 0.44
HSL	217°, 40%, 40%
HSV	217°, 57%, 56%
XYZ	10.7967, 10.8040, 27.5029
YIQ	89.1320, -35.1220, 8.7660

Conversions

Conversions Part 2

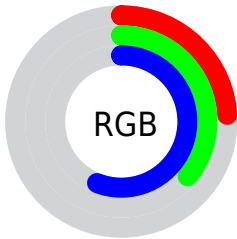
Format	Color
R _Y B	61, 84, 143
Decimal	4021647
CIE Lab	39.25, 4.01, -31.17
CIE LCh	39, 31.427, 277.336
Yxy	10.8040, 0.2199, 0.2200
Android (android.graphics.Color)	4282211727 (0xFF3D5D8F)
YUV	89.1320, 26.5569, -24.6718
Hunter-Lab	32.8694, 1.1112, -26.6014

Details

The YUV color **89.1320, 26.5569, -24.6718** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **114.8680, -26.5569, 24.6718**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.7840, 27.7145, -22.6126**, and **38.6640, 26.2946, -33.9083** is the 20% darker color. If you saturate the color by 10%, you get **79.6630, 31.2251, -28.6455**, and if you desaturate by 10%, it is **98.6010, 21.8887, -20.6981**.

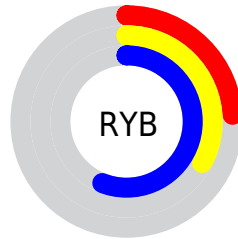
Distribution



Red (24%)

Green (36%)

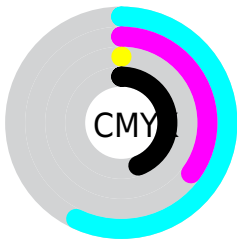
Blue (56%)



Red (24%)

Yellow (33%)

Blue (56%)

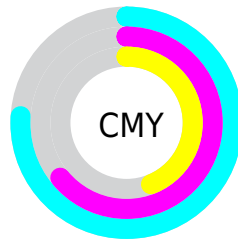


Cyan (57%)

Magenta (35%)

Yellow (0%)

Black (44%)



Cyan (76%)

Magenta (64%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.1320, 26.5569, -24.6718 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 89.1320, 26.5569, -24.6718 by changing the saturation by 10% instead.

■ 89.1320, 26.5569,
-24.6718

■ 89.1320, 26.5569,
-24.6718

■ 255.0000, 0.0000,
0.0000

■ 63.9960, 26.1310,
-28.0605

■ 140.7840, 27.7145,
-22.6126

■ 38.6640, 26.2946,
-33.9083

■ 167.3110, 28.4407,
-22.1977

■ 23.6010, 21.8887,
-20.6981

■ 195.1260, 29.0249,
-22.9125

■ 7.0050, 19.2245,
-6.1434

■ 219.7600, 17.3733,
-19.0835

■ 3.3230, 10.1938,
-2.9143

■ 245.1550, 4.8536,
-16.7989

■ 0.0000, 0.0000,
0.0000

■ 89.1320, 26.5569,
-24.6718

■ 89.1320, 26.5569,
-24.6718

■ 79.6630, 31.2251,
-28.6455

■ 98.6010, 21.8887,
-20.6981

■ 70.4820, 35.7514,
-33.7487

■ 107.7820, 17.3625,
-15.5948

■ 61.0130, 40.4196,
-37.7224

■ 117.2510, 12.6943,
-11.6211

■ 51.5440, 45.0878,
-41.6961

■ 126.7200, 8.0260,
-7.6474

■ 49.1740, 46.2562,
-43.1256

■ 136.4880, 3.2104,
-3.0590

■ 145.3700, -1.1684,
1.4295

■ 154.8390, -5.8366,
5.4032

■ 164.3080,

-10.5048, 9.3769

■ 173.4890,
-15.0311, 14.4801

Harmonies

Analogous

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



74.5460, 31.7758, -65.3768



89.1320, 26.5569, -24.6718



94.6800, 18.8918, 7.2966

Triad

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



89.1320, 26.5569, -24.6718



92.4690, -14.5282, 39.9307



80.9170, -4.3961, -36.7612

Complementary

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



89.1320, 26.5569, -24.6718



114.8680, -26.5569, 24.6718

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.



86.8250, -18.1547, -10.3705



89.1320, 26.5569, -24.6718



91.5140, -22.9314, 28.4902

Square

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



89.1320, 26.5569, -24.6718



93.4550, -3.1823, 40.8200



89.6490, -24.4770, 10.8318



73.3940, 12.1308, -64.3665

Rectangle

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



89.1320, 26.5569, -24.6718



95.3570, 12.1490, 23.3659



89.6490, -24.4770, 10.8318



83.6040, -9.6648, -26.8397

Sweetspot

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



89.1320, 26.5569, -24.6718



165.5780, 10.0680, -9.2769



114.7200, -2.3270, -47.1124



81.8620, 5.9840, -6.0180



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



89.1320, 26.5569, -24.6718



101.9420, 41.4406, -38.5371



72.7400, 34.6382, -3.2800



66.5590, 2.1894, -2.2442



46.5010, 43.6300, -40.7814



2.6730, 2.6262, -2.3442

Inverse Universe

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



89.1660, 1.8902, 47.2124



101.9720, 2.9718, 73.6926



131.2600, -34.6382, 3.2800



66.4350, 0.2785, 4.0035



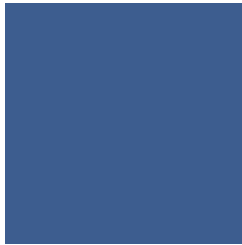
46.4070, 3.2503, 77.6961



2.7340, 0.1311, 4.6183

Previews

White Background



This preview shows how the YUV color 89.1320, 26.5569, -24.6718 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 89.1320, 26.5569, -24.6718 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 89.1320, 26.5569, -24.6718

Background



This preview shows how black text looks on a background with the YUV color 89.1320, 26.5569, -24.6718.



This preview shows how white text looks on a background with the YUV color 89.1320, 26.5569,

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

89.1320, 26.5569, -24.6718

Protanopia

91.0300, 24.6352, -14.9353

Deuteranopia

90.0400, 26.1093, -21.0831



Tritanopia

85.0650, 11.3070, -33.3830

Trichromacy



Original Color

89.1320, 26.5569, -24.6718

Protanomaly

90.2360, 25.5197, -18.6240

Deuteranomaly

89.4420, 26.4041, -22.3126

Tritanomaly

86.2810, 17.1165, -30.0644

Monochromacy



Original Color

89.1320, 26.5569, -24.6718

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.8770, 9.9206, -8.6621

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.1320, 26.5569, -24.6718 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(61, 93, 143)` looks like.

```
.text, #text, p{  
    color:rgb(61, 93, 143)  
}
```

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(61, 93, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 93, 143) }
```

Border

The CSS property to change the border of an element to YUV 89.1320, 26.5569, -24.6718 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(61, 93, 143) }
```


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

```
.border{ border-color:rgb(61, 93, 143) }
```

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

Here you see how a box with a 4 pixel rgb(61, 93, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 93, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 93, 143);  
box-shadow:4px 4px 4px 4px rgb(61, 93,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 89.1320, 26.5569, -24.6718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 93, 143) }
```

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

```
.background{ background-color: rgb(61, 93,  
143) }
```

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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