

Converting Colors

YUV(88.3280, 25.9673,
-22.2127)

Have a look what the booklet for
YUV(88.3280, 25.9673, -22.2127)
contains.

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Color

**YUV(88.3280, 25.9673,
-22.2127)**

Conversions

Conversions Part 1

Format	Color
Hex	3F5B8D
RGB	63, 91, 141
RGB Percent	25%, 36%, 55%
CMY	0.7529, 0.6431, 0.4471
CMYK	0.55, 0.35, 0.00, 0.45
HSL	218°, 38%, 40%
HSV	218°, 55%, 55%
XYZ	10.5987, 10.4620, 26.6601
YIQ	88.3280, -32.7380, 9.6140

Conversions

Conversions Part 2

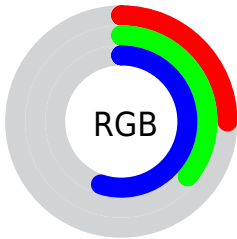
Format	Color
RYB	63, 84, 141
Decimal	4152205
CIELab	38.66, 5.06, -30.88
CIElCh	39, 31.293, 279.310
Yxy	10.4620, 0.2221, 0.2192
Android (android.graphics.Color)	4282342285 (0xFF3F5B8D)
YUV	88.3280, 25.9673, -22.2127
Hunter-Lab	32.3450, 1.8864, -26.2276

Details

The YUV color **88.3280, 25.9673, -22.2127** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **115.6720, -25.9673, 22.2127**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.6810, 27.2723, -20.7682**, and **37.2620, 25.9998, -32.6788** is the 20% darker color. If you saturate the color by 10%, you get **78.8590, 30.6355, -26.1863**, and if you desaturate by 10%, it is **97.7970, 21.2991, -18.2390**.

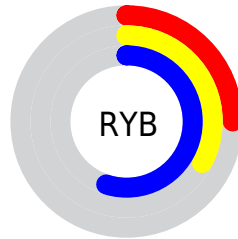
Distribution



Red (25%)

Green (36%)

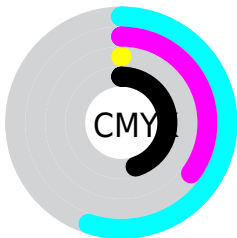
Blue (55%)



Red (25%)

Yellow (33%)

Blue (55%)

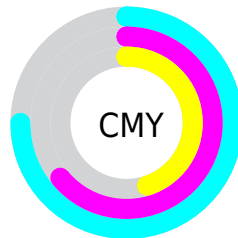


Cyan (55%)

Magenta (35%)

Yellow (0%)

Black (45%)



Cyan (75%)

Magenta (64%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.3280, 25.9673, -22.2127 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 88.3280, 25.9673, -22.2127 by changing the saturation by 10% instead.

■ 88.3280, 25.9673,
-22.2127

■ 88.3280, 25.9673,
-22.2127

■ 255.0000, 0.0000,
0.0000

■ 63.4910, 25.3939,
-24.9866

■ 139.6810, 27.2723,
-20.7682

■ 37.2620, 25.9998,
-32.6788

■ 166.2080, 27.9985,
-20.3534

■ 22.9000, 21.7413,
-20.0833

■ 193.7350, 28.7246,
-19.9386

■ 6.7770, 18.3509,
-5.9434

■ 218.8850, 17.8047,
-17.4391

■ 3.2090, 9.7570,
-2.8143

■ 244.5790, 5.1376,
-14.5398

■ 0.0000, 0.0000,
0.0000

■ 88.3280, 25.9673,
-22.2127

■ 88.3280, 25.9673,
-22.2127

■ 78.8590, 30.6355,
-26.1863

■ 97.7970, 21.2991,
-18.2390

■ 69.3900, 35.3037,
-30.1600

■ 107.2660, 16.6309,
-14.2653

■ 59.9210, 39.9719,
-34.1337

■ 116.7350, 11.9626,
-10.2916

■ 50.4520, 44.6402,
-38.1074

■ 126.2040, 7.2944,
-6.3179

■ 46.0110, 46.8296,
-40.3516

■ 135.9720, 2.4788,
-1.7294

■ 145.4410, -2.1894,
2.2442

■ 154.9100, -6.8576,
6.2179

■ 164.3790,

-11.5258, 10.1916

■ 173.8480,
-16.1941, 14.1653

Harmonies

Analogous

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



73.8450, 31.6284, -64.7621



88.3280, 25.9673, -22.2127



93.1640, 18.1601, 8.6262

Triad

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



88.3280, 25.9673, -22.2127



90.6430, -15.1070, 38.9011



79.1340, -3.5171, -38.7055

Complementary

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



88.3280, 25.9673, -22.2127



115.6720, -25.9673, 22.2127

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.



85.0420, -17.2757, -12.3148



88.3280, 25.9673, -22.2127



89.8020, -23.0734, 27.3606

Square

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



88.3280, 25.9673, -22.2127



92.2270, -4.0559, 41.0199



88.0510, -24.1821, 9.6023



72.2200, 12.7095, -63.3369

Rectangle

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



88.3280, 25.9673, -22.2127



93.8410, 11.4174, 24.6954



88.0510, -24.1821, 9.6023



81.8210, -8.7858, -28.7840

Sweetspot

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



88.3280, 25.9673, -22.2127



162.6920, 10.5048, -9.3769



114.3720, -1.1694, -45.0532



79.2750, 6.2734, -5.5032



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.



88.3280, 25.9673, -22.2127



101.7360, 40.5562, -34.8485



74.8820, 32.5962, -1.6505



66.5590, 2.1894, -2.2442



44.1530, 44.7876, -38.7222



2.6730, 2.6262, -2.3442

Inverse Universe

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



89.5140, 0.7326, 45.1532



103.4940, 1.2355, 70.6038



129.1180, -32.5962, 1.6505



66.4350, 0.2785, 4.0035



45.9510, 1.5032, 78.0960



2.7340, 0.1311, 4.6183

Previews

White Background



This preview shows how the YUV color 88.3280, 25.9673, -22.2127 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 88.3280, 25.9673, -22.2127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

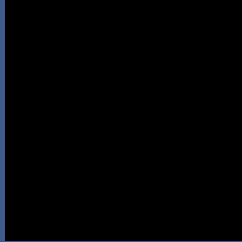
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.3280, 25.9673, -22.2127

Background



This preview shows how black text looks on a background with the YUV color 88.3280, 25.9673, -22.2127.



This preview shows how white text looks on a background with the YUV color 88.3280, 25.9673,

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

88.3280, 25.9673, -22.2127

Protanopia

89.9160, 24.1984, -14.8353

Deuteranopia

88.9260, 25.6725, -20.9831



Tritanopia

84.5600, 10.5699, -30.3091

Trichromacy



Original Color

88.3280, 25.9673, -22.2127

Protanomaly

89.4210, 24.9354, -17.9092

Deuteranomaly

88.6270, 25.8199, -21.5979

Tritanomaly

85.7760, 16.3794, -26.9906

Monochromacy



Original Color

88.3280, 25.9673, -22.2127

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.0620, 9.3364, -7.9474

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.3280, 25.9673, -22.2127 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(63, 91, 141)` looks like.

```
.text, #text, p{  
    color:rgb(63, 91, 141)  
}
```

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(63, 91, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 91, 141) }
```

Border

The CSS property to change the border of an element to YUV 88.3280, 25.9673, -22.2127 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(63, 91, 141) }
```


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

```
.border{ border-color:rgb(63, 91, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 91, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 91, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 91, 141);  
box-shadow:4px 4px 4px 4px rgb(63, 91,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 88.3280, 25.9673, -22.2127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 91, 141) }
```

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

```
.background{ background-color: rgb(63, 91,  
141) }
```

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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