

Converting Colors

YUV(85.4290, 25.9175,
-52.9962)

Have a look what the booklet for
YUV(85.4290, 25.9175, -52.9962)
contains.

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Color

**YUV(85.4290, 25.9175,
-52.9962)**

Conversions

Conversions Part 1

Format	Color
Hex	196A8A
RGB	25, 106, 138
RGB Percent	10%, 42%, 54%
CMY	0.9020, 0.5843, 0.4588
CMYK	0.82, 0.23, 0.00, 0.46
HSL	197°, 69%, 32%
HSV	197°, 82%, 54%
XYZ	10.1424, 12.3497, 25.8939
YIQ	85.4290, -58.5480, -7.2200

Conversions

Conversions Part 2

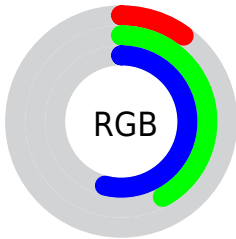
Format	Color
R _Y B	25, 72, 138
Decimal	1665674
CIE Lab	41.77, -11.84, -24.31
CIE LCh	42, 27.041, 244.042
Yxy	12.3497, 0.2096, 0.2552
Android (android.graphics.Color)	4279855754 (0xFF196A8A)
YUV	85.4290, 25.9175, -52.9962
Hunter-Lab	35.1422, -9.9819, -19.0873

Details

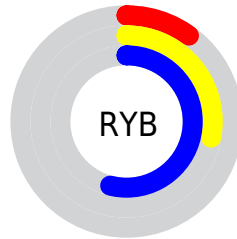
The YUV color **85.4290, 25.9175, -52.9962** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **77.5710, -25.9175, 52.9962**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.6580, 25.3116, -45.3041**, and **44.6650, 21.3642, -39.1712** is the 20% darker color. If you saturate the color by 10%, you get **78.8950, 29.1388, -59.5439**, and if you desaturate by 10%, it is **91.9630, 22.6962, -46.4486**.

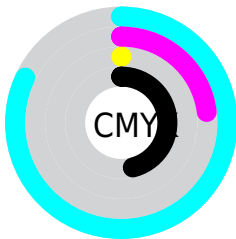
Distribution



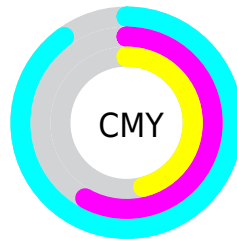
- Red (10%)
- Green (42%)
- Blue (54%)



- Red (10%)
- Yellow (28%)
- Blue (54%)



- Cyan (82%)
- Magenta (23%)
- Yellow (0%)
- Black (46%)



- Cyan (90%)
- Magenta (58%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.4290, 25.9175, -52.9962 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 85.4290, 25.9175, -52.9962 by changing the saturation by 10% instead.

85.4290, 25.9175,
-52.9962

85.4290, 25.9175,
-52.9962

255.0000, 0.0000,
0.0000

60.9020, 25.1913,
-53.4111

140.6580, 25.3116,
-45.3041

44.6650, 21.3642,
-39.1712

167.9570, 25.1642,
-44.6893

29.0150, 17.2476,
-25.4462

196.3700, 25.4536,
-44.1745

13.5930, 14.0047,
-11.9211

221.9760, 16.2808,
-42.0750

2.9810, 8.8834,
-2.6143

239.4520, 7.6652,
-31.9684

0.0000, 0.0000,
0.0000

248.1230, 3.3904,

-14.1399

■ 85.4290, 25.9175,
-52.9962

■ 85.4290, 25.9175,
-52.9962

■ 78.8950, 29.1388,
-59.5439

■ 91.9630, 22.6962,
-46.4486

■ 73.8450, 31.6284,
-64.7621

■ 98.4970, 19.4750,
-39.9009

■ 104.7320, 16.4011,
-33.9680

■ 111.2660, 13.1799,
-27.4203

■ 117.8000, 9.9586,
-20.8726

■ 123.7470, 7.0267,
-13.8101

■ 130.2810, 3.8055,
-7.2624

■ 136.5160, 0.7316,
-1.3295

■ 143.0500, -2.4896,
5.2182

Harmonies

Analogous

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



78.5920, 21.8931, -68.9252



85.4290, 25.9175, -52.9962



95.9320, 23.2045, -22.7424

Triad

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



85.4290, 25.9175, -52.9962



100.6500, -2.2924, 35.3870



94.3030, -16.4184, -7.2817

Complementary

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



85.4290, 25.9175, -52.9962



77.5710, -25.9175, 52.9962

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.



96.5720, -20.9880, 11.7764



85.4290, 25.9175, -52.9962



99.7180, -12.1860, 35.3273

Square

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



85.4290, 25.9175, -52.9962



101.3310, 8.2178, 24.2657



98.1270, -19.2896, 27.0756



90.5160, -6.1704, -27.6395

Rectangle

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



85.4290, 25.9175, -52.9962



99.1300, 19.6559, -4.4990



98.1270, -19.2896, 27.0756



95.3640, -18.9135, -0.3192

Sweetspot

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



85.4290, 25.9175, -52.9962



157.9140, 10.3954, -20.9726



94.7510, -19.5972, -61.1716



76.8180, 6.0057, -12.9954



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.



85.4290, 25.9175, -52.9962



97.3250, 40.2658, -81.8460



53.1440, 41.8340, -24.6823



65.7330, 1.6106, -3.2738



70.9270, 30.6020, -62.2030



2.9180, 1.0264, -2.5591

Inverse Universe

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



68.0210, 18.7236, 61.3716



70.5750, 28.8035, 95.0887



109.8560, -41.8340, 24.6823



64.6630, 1.1521, 3.8035



50.5970, 21.8907, 72.2674



1.9510, 1.0102, 2.6740

Previews

White Background



This preview shows how the YUV color 85.4290, 25.9175, -52.9962 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 85.4290, 25.9175, -52.9962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

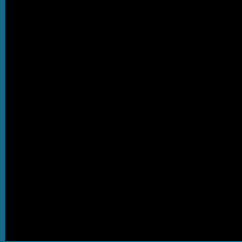
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.4290, 25.9175, -52.9962

Background



This preview shows how black text looks on a background with the YUV color 85.4290, 25.9175, -52.9962.



This preview shows how white text looks on a background with the YUV color 85.4290, 25.9175,

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

85.4290, 25.9175, -52.9962

Protanopia

98.4840, 16.0304, -8.3175

Deuteranopia

97.4170, 20.9934, -13.5207



Tritanopia

77.4350, 19.9985, -67.9105

Trichromacy



Original Color

85.4290, 25.9175, -52.9962

Protanomaly

93.7100, 19.8630, -24.3017

Deuteranomaly

92.7850, 22.7840, -27.8754

Tritanomaly

80.3370, 22.0189, -62.5625

Monochromacy



Original Color

85.4290, 25.9175, -52.9962

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.2840, 9.2270, -19.5431

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.4290, 25.9175, -52.9962 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(25, 106, 138)` looks like.

```
.text, #text, p{  
    color:rgb(25, 106, 138)  
}
```

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(25, 106, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 106, 138) }
```

Border

The CSS property to change the border of an element to YUV 85.4290, 25.9175, -52.9962 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(25, 106, 138) }
```


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

```
.border{ border-color:rgb(25, 106, 138) }
```

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

Here you see how a box with a 4 pixel rgb(25, 106, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 106, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 106, 138);  
box-shadow:4px 4px 4px 4px rgb(25, 106,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 85.4290, 25.9175, -52.9962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 106, 138) }
```

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

```
.background{ background-color: rgb(25, 106,  
138) }
```

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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