

Converting Colors

YUV(88.3590, 25.4590,
-45.9188)

Have a look what the booklet for
YUV(88.3590, 25.4590, -45.9188)
contains.

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Color

**YUV(88.3590, 25.4590,
-45.9188)**

Conversions

Conversions Part 1

Format	Color
Hex	24698C
RGB	36, 105, 140
RGB Percent	14%, 41%, 55%
CMY	0.8588, 0.5882, 0.4510
CMYK	0.74, 0.25, 0.00, 0.45
HSL	200°, 59%, 35%
HSV	200°, 74%, 55%
XYZ	10.5128, 12.3717, 26.6448
YIQ	88.3590, -52.3590, -3.7430

Conversions

Conversions Part 2

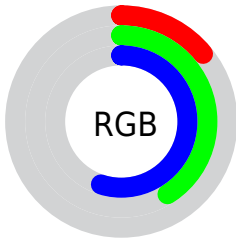
Format	Color
R_{YB}	36, 77, 140
Decimal	2386316
CIE _{Lab}	41.80, -9.13, -25.44
CIE _{LCh}	42, 27.030, 250.255
Yxy	12.3717, 0.2123, 0.2498
Android (android.graphics.Color)	4280576396 (0xFF24698C)
YUV	88.3590, 25.4590, -45.9188
Hunter-Lab	35.1734, -8.2027, -20.2925

Details

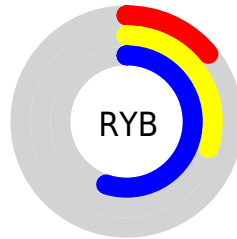
The YUV color **88.3590, 25.4590, -45.9188** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **87.6410, -25.4590, 45.9188**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.3920, 25.4427, -40.6858**, and **44.3060, 22.5271, -38.8564** is the 20% darker color. If you saturate the color by 10%, you get **81.2380, 28.9697, -51.9517**, and if you desaturate by 10%, it is **95.4800, 21.9484, -39.8860**.

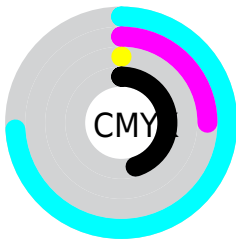
Distribution



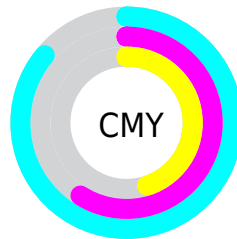
- Red (14%)
- Green (41%)
- Blue (55%)



- Red (14%)
- Yellow (30%)
- Blue (55%)



- Cyan (74%)
- Magenta (25%)
- Yellow (0%)
- Black (45%)



- Cyan (86%)
- Magenta (59%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.3590, 25.4590, -45.9188 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 88.3590, 25.4590, -45.9188 by changing the saturation by 10% instead.

88.3590, 25.4590,
-45.9188

88.3590, 25.4590,
-45.9188

255.0000, 0.0000,
0.0000

60.5430, 26.3543,
-53.0962

142.3920, 25.4427,
-40.6858

44.3060, 22.5271,
-38.8564

169.5060, 25.8795,
-40.7858

28.6560, 18.4106,
-25.1313

197.5060, 25.8795,
-40.7858

13.8210, 14.8782,
-12.1210

223.1830, 15.6858,
-37.8715

3.2090, 9.7570,
-2.8143

241.2460, 6.7807,
-28.2797

0.0000, 0.0000,
0.0000

249.9170, 2.5059,

-10.4512

■ 88.3590, 25.4590,
-45.9188

■ 88.3590, 25.4590,
-45.9188

■ 81.2380, 28.9697,
-51.9517

■ 95.4800, 21.9484,
-39.8860

■ 74.7040, 32.1909,
-58.4994

■ 102.0140, 18.7271,
-33.3383

■ 70.5510, 34.2384,
-61.8732

■ 109.1350, 15.2164,
-27.3054

■ 116.2560, 11.7058,
-21.2725

■ 123.3770, 8.1951,
-15.2396

■ 129.9110, 4.9739,
-8.6919

■ 137.0320, 1.4632,
-2.6591

■ 144.1530, -2.0474,
3.3738

■ 150.6870, -5.2687,
9.9215

Harmonies

Analogous

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



78.4610, 23.9297, -68.8103



88.3590, 25.4590, -45.9188



97.0360, 22.1673, -16.6946

Triad

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



88.3590, 25.4590, -45.9188



100.4930, -4.1870, 36.4016



93.7370, -14.6603, -11.1703

Complementary

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



88.3590, 25.4590, -45.9188



87.6410, -25.4590, 45.9188

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.



96.5500, -20.9771, 8.2877



88.3590, 25.4590, -45.9188



99.2510, -13.9277, 33.9829

Square

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



88.3590, 25.4590, -45.9188



101.1850, 6.3178, 27.0248



97.8770, -20.1524, 23.7869



89.2920, -3.1020, -31.8281

Rectangle

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



88.3590, 25.4590, -45.9188



100.4080, 18.0399, 0.5192



97.8770, -20.1524, 23.7869



94.6840, -17.5922, -4.1079

Sweetspot

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



88.3590, 25.4590, -45.9188



161.4090, 9.6584, -17.8987



101.0380, -14.8087, -57.0383



80.1280, 5.8529, -10.6363



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.



88.3590, 25.4590, -45.9188



101.1630, 39.3596, -71.1800



57.8350, 40.5073, -19.1493



65.7330, 1.6106, -3.2738



66.8180, 32.6277, -58.5994



2.3310, 1.3158, -2.0443

Inverse Universe

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



74.9620, 14.8087, 57.0383



80.3370, 23.0049, 88.2815



118.1650, -40.5073, 19.1493



64.6630, 1.1521, 3.8035



49.7990, 18.8331, 72.9673



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 88.3590, 25.4590, -45.9188 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 88.3590, 25.4590, -45.9188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

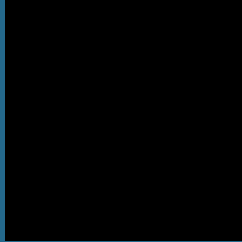
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.3590, 25.4590, -45.9188

Background



This preview shows how black text looks on a background with the YUV color 88.3590, 25.4590, -45.9188.



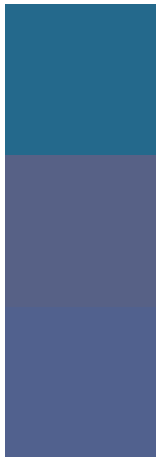
This preview shows how white text looks on a background with the YUV color 88.3590, 25.4590,

-45.9188.

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

88.3590, 25.4590, -45.9188

Protanopia

98.2280, 17.6356, -9.8470

Deuteranopia

97.3460, 22.0144, -14.3354



Tritanopia

81.0230, 18.2297, -60.5332

Trichromacy



Original Color

88.3590, 25.4590, -45.9188

Protanomaly

94.5360, 20.4418, -23.2721

Deuteranomaly

94.2090, 23.0680, -25.6163

Tritanomaly

84.0390, 20.6868, -55.2852

Monochromacy



Original Color

88.3590, 25.4590, -45.9188

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.0070, 9.3635, -16.6691

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.3590, 25.4590, -45.9188 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(36, 105, 140)` looks like.

```
.text, #text, p{  
    color:rgb(36, 105, 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(36, 105, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 105, 140) }
```

Border

The CSS property to change the border of an element to YUV 88.3590, 25.4590, -45.9188 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(36, 105, 140) }
```


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

```
.border{ border-color:rgb(36, 105, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 105, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 105, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 105, 140);  
box-shadow:4px 4px 4px 4px rgb(36, 105,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 88.3590, 25.4590, -45.9188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 105, 140) }
```

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

```
.background{ background-color: rgb(36, 105,  
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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