

Converting Colors

YUV(85.9030, 40.4738,
-55.1659)

Have a look what the booklet for
YUV(85.9030, 40.4738, -55.1659)
contains.

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Color

**YUV(85.9030, 40.4738,
-55.1659)**

Conversions

Conversions Part 1

Format	Color
Hex	1766A8
RGB	23, 102, 168
RGB Percent	9%, 40%, 66%
CMY	0.9098, 0.6000, 0.3412
CMYK	0.86, 0.39, 0.00, 0.34
HSL	207°, 76%, 37%
HSV	207°, 86%, 66%
XYZ	12.1726, 12.5121, 38.8193
YIQ	85.9030, -68.2700, 3.7780

Conversions

Conversions Part 2

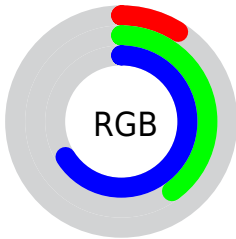
Format	Color
R _Y B	23, 74, 168
Decimal	1533608
CIE Lab	42.02, 1.95, -41.78
CIE LCh	42, 41.830, 272.671
Yxy	12.5121, 0.1917, 0.1970
Android (android.graphics.Color)	4279723688 (0xFF1766A8)
YUV	85.9030, 40.4738, -55.1659
Hunter-Lab	35.3724, -0.4749, -40.3069

Details

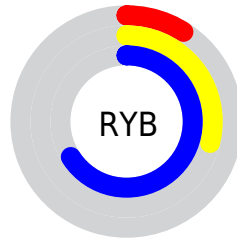
The YUV color **85.9030, 40.4738, -55.1659** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **105.0970, -40.4738, 55.1659**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.7520, 39.5623, -42.7555**, and **45.9820, 34.0259, -40.3262** is the 20% darker color. If you saturate the color by 10%, you get **76.1240, 45.2949, -61.4987**, and if you desaturate by 10%, it is **95.6820, 35.6528, -48.8331**.

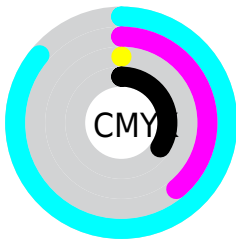
Distribution



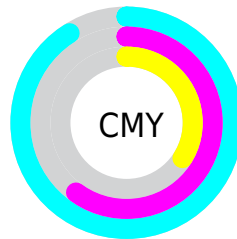
- Red (9%)
- Green (40%)
- Blue (66%)



- Red (9%)
- Yellow (29%)
- Blue (66%)



- Cyan (86%)
- Magenta (39%)
- Yellow (0%)
- Black (34%)



- Cyan (91%)
- Magenta (60%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.9030, 40.4738, -55.1659 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 85.9030, 40.4738, -55.1659 by changing the saturation by 10% instead.

■ 85.9030, 40.4738,
-55.1659

■ 85.9030, 40.4738,
-55.1659

■ 255.0000, 0.0000,
0.0000

■ 61.8600, 39.0160,
-54.2512

■ 143.7520, 39.5623,
-42.7555

■ 45.9820, 34.0259,
-40.3262

■ 170.8770, 39.9936,
-41.1111

■ 30.8050, 29.1831,
-27.0160

■ 196.6250, 28.7789,
-37.3821

■ 15.2690, 25.5034,
-13.3909

■ 221.7320, 16.4011,
-33.9680

■ 6.7770, 18.3509,
-5.9434

■ 242.1430, 6.3385,
-26.4354

■ 3.0950, 9.3202,
-2.7143

■ 251.1130, 1.9163,

■ 0.0000, 0.0000,

-7.9921

0.0000

■ 85.9030, 40.4738,
-55.1659

■ 85.9030, 40.4738,
-55.1659

■ 76.1240, 45.2949,
-61.4987

■ 95.6820, 35.6528,
-48.8331

■ 73.1560, 46.7581,
-64.1578

■ 104.8740, 31.1211,
-41.9855

■ 114.3540, 26.4475,
-36.2675

■ 124.1330, 21.6264,
-29.9346

■ 133.3250, 17.0948,
-23.0870

■ 143.1040, 12.2737,
-16.7542

■ 152.8830, 7.4527,
-10.4214

■ 161.7760, 3.0684,
-4.1886

■ 171.5550, -1.7526,
2.1443

Harmonies

Analogous

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



83.3970, 37.7653, -73.1392



85.9030, 40.4738, -55.1659



101.2370, 27.4912, 2.4232

Triad

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



85.9030, 40.4738, -55.1659



97.6880, -16.6082, 53.7706



81.3300, -7.5577, -49.4014

Complementary

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



85.9030, 40.4738, -55.1659



105.0970, -40.4738, 55.1659

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.



91.5340, -26.8853, -10.1153



85.9030, 40.4738, -55.1659



97.1580, -29.6579, 39.3264

Square

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



85.9030, 40.4738, -55.1659



98.5260, -0.7523, 54.7897



94.6470, -34.8290, 17.8496



79.6060, 10.5472, -69.8145

Rectangle

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



85.9030, 40.4738, -55.1659



102.2140, 19.1215, 26.9993



94.6470, -34.8290, 17.8496



86.6650, -15.6108, -33.0322

Sweetspot

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



85.9030, 40.4738, -55.1659



186.6950, 15.9264, -21.6575



115.5250, -13.5698, -81.1444



90.4420, 9.6421, -12.6656



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



85.9030, 40.4738, -55.1659



94.8190, 61.2212, -83.1563



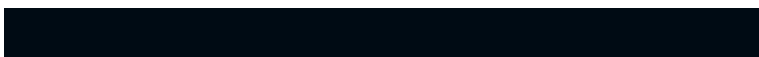
43.6390, 61.3100, -18.1004



79.2600, 2.3368, -2.8590



64.4190, 41.2054, -56.4955



8.7370, 5.5527, -7.6623

Inverse Universe

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



75.3610, 13.1330, 81.2444



79.0470, 19.6968, 122.7388



147.3610, -61.3100, 18.1004



78.8480, 0.5679, 4.5183



53.4860, 13.5644, 82.8888



7.2340, 1.8566, 11.1958

Previews

White Background



This preview shows how the YUV color 85.9030, 40.4738, -55.1659 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 85.9030, 40.4738, -55.1659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

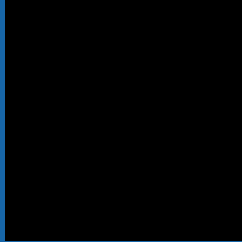
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.9030, 40.4738, -55.1659

Background



This preview shows how black text looks on a background with the YUV color 85.9030, 40.4738, -55.1659.



This preview shows how white text looks on a background with the YUV color 85.9030, 40.4738, -55.1659.

-55.1659.

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

85.9030, 40.4738, -55.1659

Protanopia

97.0490, 32.5138, -21.9680

Deuteranopia

92.0190, 37.9516, -39.4817



Tritanopia

78.0220, 19.7092, -68.4253

Trichromacy



Original Color

85.9030, 40.4738, -55.1659

Protanomaly

93.0690, 35.4620, -34.2635

Deuteranomaly

89.9150, 38.9889, -45.5295

Tritanomaly

80.7050, 27.2604, -63.7623

Monochromacy



Original Color

85.9030, 40.4738, -55.1659

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.0650, 14.7580, -20.2280

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.9030, 40.4738, -55.1659 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(23, 102, 168)` looks like.

```
.text, #text, p{  
    color:rgb(23, 102, 168)  
}
```

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(23, 102, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 102, 168) }
```

Border

The CSS property to change the border of an element to YUV 85.9030, 40.4738, -55.1659 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(23, 102, 168) }
```


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

```
.border{ border-color:rgb(23, 102, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 102, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 102, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 102, 168);  
box-shadow:4px 4px 4px 4px rgb(23, 102,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 85.9030, 40.4738, -55.1659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 102, 168) }
```

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

```
.background{ background-color: rgb(23, 102,  
168) }
```

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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