

Converting Colors

YUV(90.6580, 55.3846,
-77.7531)

Have a look what the booklet for
YUV(90.6580, 55.3846, -77.7531)
contains.

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Color

**YUV(90.6580, 55.3846,
-77.7531)**

Conversions

Conversions Part 1

Format	Color
Hex	0272CB
RGB	2, 114, 203
RGB Percent	1%, 45%, 80%
CMY	0.9922, 0.5529, 0.2039
CMYK	0.99, 0.44, 0.00, 0.20
HSL	207°, 98%, 40%
HSV	207°, 99%, 80%
XYZ	16.8218, 16.3593, 58.7710
YIQ	90.6580, -95.3210, 3.9350

Conversions

Conversions Part 2

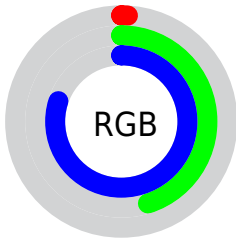
Format	Color
RYB	2, 74, 203
Decimal	160459
CIELab	47.44, 7.27, -53.46
CIELCh	47, 53.949, 277.741
Yxy	16.3593, 0.1829, 0.1779
Android (android.graphics.Color)	4278350539 (0xFF0272CB)
YUV	90.6580, 55.3846, -77.7531
Hunter-Lab	40.4467, 3.4568, -57.8386

Details

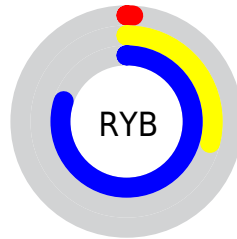
The YUV color **90.6580, 55.3846, -77.7531** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **114.3420, -55.3846, 77.7531**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.5260, 49.0407, -49.5733**, and **56.2010, 45.2569, -49.2883** is the 20% darker color. If you saturate the color by 10%, you get **89.4730, 55.9688, -78.4678**, and if you desaturate by 10%, it is **101.9210, 49.8319, -70.0907**.

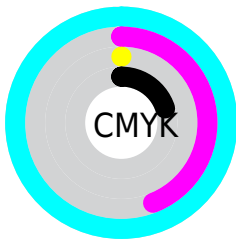
Distribution



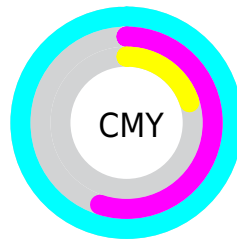
- Red (1%)
- Green (45%)
- Blue (80%)



- Red (1%)
- Yellow (29%)
- Blue (80%)



- Cyan (99%)
- Magenta (44%)
- Yellow (0%)
- Black (20%)



- Cyan (99%)
- Magenta (55%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.6580, 55.3846, -77.7531 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 90.6580, 55.3846, -77.7531 by changing the saturation by 10% instead.

■ 90.6580, 55.3846,
-77.7531

■ 90.6580, 55.3846,
-77.7531

255.0000, 0.0000,
0.0000

■ 72.7800, 50.3945,
-63.8281

■ 155.5260, 49.0407,
-49.5733

■ 56.2010, 45.2569,
-49.2883

■ 180.6440, 36.6575,
-44.4148

■ 40.9100, 39.9774,
-35.8781

■ 206.3490, 23.9849,
-39.7711

■ 26.7930, 34.1191,
-23.4975

■ 232.0540, 11.3124,
-35.1274

■ 12.9040, 29.1343,
-11.3168

■ 245.1330, 4.8644,
-20.2876

■ 7.9340, 20.2455,
-6.9581

254.4020, 0.2948,

■ 3.6650, 11.5042,

-1.2296

-3.2142

■ 0.0000, 0.0000,
0.0000

■ 90.6580, 55.3846,
-77.7531

■ 90.6580, 55.3846,
-77.7531

■ 89.4730, 55.9688,
-78.4678

■ 101.9210, 49.8319,
-70.0907

■ 113.4830, 44.1319,
-61.8136

■ 124.7460, 38.5792,
-54.1512

■ 136.0090, 33.0266,
-46.4889

■ 147.5710, 27.3265,
-38.2118

■ 158.8340, 21.7738,
-30.5494

■ 170.0970, 16.2212,
-22.8871

■ 181.3600, 10.6685,
-15.2247

■ 192.9220, 4.9685,
-6.9476

Harmonies

Analogous

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



96.4200, 49.5859, -84.5603



90.6580, 55.3846, -77.7531



115.4260, 34.3000, 11.9044

Triad

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



90.6580, 55.3846, -77.7531



108.4250, -24.3665, 68.9103



85.5610, -4.7136, -75.0370

Complementary

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



90.6580, 55.3846, -77.7531



114.3420, -55.3846, 77.7531

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.



99.5620, -32.8151, -21.5409



90.6580, 55.3846, -77.7531



108.3580, -43.0675, 47.0440

Square

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



90.6580, 55.3846, -77.7531



109.0770, -2.9960, 74.4775



103.9940, -51.2690, 17.5453



92.6800, 14.9478, -81.2804

Rectangle

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



90.6580, 55.3846, -77.7531



115.0510, 23.1459, 42.9283



103.9940, -51.2690, 17.5453



87.4500, -13.0399, -64.4157

Sweetspot

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



90.6580, 55.3846, -77.7531



212.3180, 21.0422, -29.2199



129.9050, -20.1662, -112.1727



101.9190, 12.8579, -17.4690



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



90.6580, 55.3846, -77.7531



112.4240, 70.2900, -98.5958



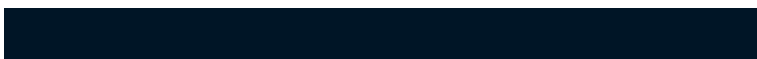
32.5450, 84.0343, -26.7880



96.0750, 2.9210, -3.5738



72.9280, 45.8845, -63.9579



16.6590, 10.5211, -14.6099

Inverse Universe

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



74.8670, 19.2926, 112.3726



92.4330, 24.4365, 142.5713



172.4550, -84.0343, 26.7880



95.5600, 0.7099, 5.6479



60.1220, 15.7159, 92.8550



13.7560, 3.5713, 21.2620

Previews

White Background



This preview shows how the YUV color 90.6580, 55.3846, -77.7531 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 90.6580, 55.3846, -77.7531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

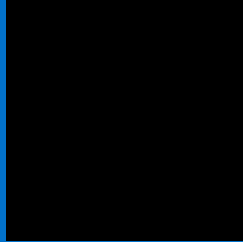
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.6580, 55.3846, -77.7531

Background



This preview shows how black text looks on a background with the YUV color 90.6580, 55.3846, -77.7531.



This preview shows how white text looks on a background with the YUV color 90.6580, 55.3846, -77.7531.

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

90.6580, 55.3846, -77.7531

Protanopia

107.7840, 44.4765, -32.2596

Deuteranopia

89.9460, 55.2426, -78.8826



Tritanopia

88.5370, 21.9203, -77.6469

Trichromacy



Original Color

90.6580, 55.3846, -77.7531

Protanomaly

101.7110, 48.4565, -48.8585

Deuteranomaly

90.2450, 55.0952, -78.2679

Tritanomaly

89.3380, 33.8504, -77.4724

Monochromacy



Original Color

90.6580, 55.3846, -77.7531

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

90.8020, 20.3106, -27.8904

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.6580, 55.3846, -77.7531 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(2, 114, 203)` looks like.

```
.text, #text, p{  
    color:rgb(2, 114, 203)  
}
```

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(2, 114, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 114, 203) }
```

Border

The CSS property to change the border of an element to YUV 90.6580, 55.3846, -77.7531 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(2, 114, 203) }
```


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

```
.border{ border-color:rgb(2, 114, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 114, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 114, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 114, 203);  
box-shadow:4px 4px 4px 4px rgb(2, 114,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 90.6580, 55.3846, -77.7531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 114, 203) }
```

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

```
.background{ background-color: rgb(2, 114,  
203) }
```

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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