

Converting Colors

YUV(25.0790, 80.8131,
-20.2403)

Have a look what the booklet for
YUV(25.0790, 80.8131, -20.2403)
contains.

YUV(25.0790, 80.8131, -20.2403)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(25.0790, 80.8131,
-20.2403)**

Conversions

Conversions Part 1

Format	Color
Hex	0205BD
RGB	2, 5, 189
RGB Percent	1%, 2%, 74%
CMY	0.9922, 0.9804, 0.2588
CMYK	0.99, 0.97, 0.00, 0.26
HSL	239°, 98%, 37%
HSV	239°, 99%, 74%
XYZ	9.2646, 3.7956, 48.3884
YIQ	25.0790, -60.8520, 56.5880

Conversions

Conversions Part 2

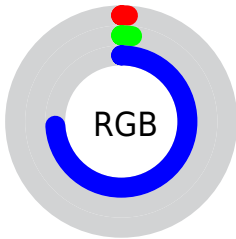
Format	Color
R _Y B	2, 5, 189
Decimal	132541
CIE Lab	22.98, 62.08, -85.41
CIE LCh	23, 105.586, 306.009
Yxy	3.7956, 0.1508, 0.0618
Android (android.graphics.Color)	4278322621 (0xFF0205BD)
YUV	25.0790, 80.8131, -20.2403
Hunter-Lab	19.4822, 50.7903, -133.6223

Details

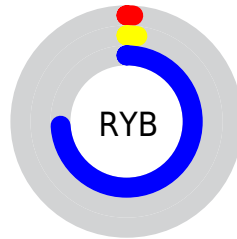
The YUV color **25.0790, 80.8131, -20.2403** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **165.9210, -80.8131, 20.2403**, and the grayscale version is **24.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.6370, 74.6220, 5.5804**, and **15.2760, 58.5309, -13.3971** is the 20% darker color. If you saturate the color by 10%, you get **23.3070, 81.6866, -20.4402**, and if you desaturate by 10%, it is **41.9130, 72.5139, -18.3407**.

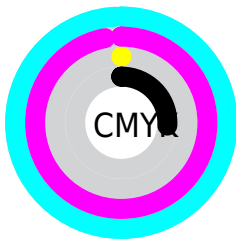
Distribution



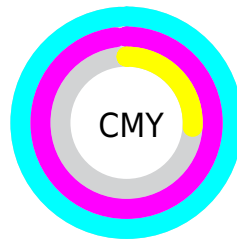
- Red (1%)
- Green (2%)
- Blue (74%)



- Red (1%)
- Yellow (2%)
- Blue (74%)



- Cyan (99%)
- Magenta (97%)
- Yellow (0%)
- Black (26%)



- Cyan (99%)
- Magenta (98%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 25.0790, 80.8131, -20.2403 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 25.0790, 80.8131, -20.2403 by changing the saturation by 10% instead.

■ 25.0790, 80.8131,
-20.2403

■ 25.0790, 80.8131,
-20.2403

■ 255.0000, 0.0000,
0.0000

■ 18.3540, 70.3245,
-16.0965

■ 95.6370, 74.6220,
5.5804

■ 15.2760, 58.5309,
-13.3971

■ 121.6780, 65.7277,
11.6834

■ 12.1980, 46.7374,
-10.6976

■ 146.7960, 53.3446,
16.8419

■ 15.8050, 32.6341,
-13.8610

■ 171.6260, 41.1034,
23.1300

■ 9.5470, 23.8873,
-8.3727

■ 197.3310, 28.4308,
27.7737

■ 5.1640, 14.7091,
-4.5288

■ 221.5410, 16.4953,


■ 1.2540, 4.8048,


29.3435


-1.0998


 237.9770, 8.3923,
14.9292


 0.0000, 0.0000,
0.0000


 25.0790, 80.8131,
-20.2403


 25.0790, 80.8131,
-20.2403

 23.3070, 81.6866,
-20.4402

 41.9130, 72.5139,
-18.3407

 58.1600, 64.5041,
-15.9263

 74.9940, 56.2050,
-14.0267

 91.2410, 48.1952,
-11.6124

 108.0750, 39.8960,
-9.7128

■ 124.6100, 31.7443,
-8.4280

■ 140.8570, 23.7345,
-6.0136

■ 157.6910, 15.4353,
-4.1140

■ 173.9380, 7.4256,
-1.6996

Harmonies

Analogous

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



65.2240, 77.2906, -57.2014



25.0790, 80.8131, -20.2403



58.6440, 30.7415, 80.1192

Triad

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



25.0790, 80.8131, -20.2403



38.4940, -18.9775, 67.0958



53.1790, 8.2928, -46.6380

Complementary

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



25.0790, 80.8131, -20.2403



165.9210, -80.8131, 20.2403

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.



44.0250, -21.7043, -38.6099



25.0790, 80.8131, -20.2403



50.1920, -24.7447, 3.3396

Square

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



25.0790, 80.8131, -20.2403



47.2420, -23.2903, 97.1348



41.6770, -20.5468, -36.5507



64.0600, 42.3684, -56.1806

Rectangle

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



25.0790, 80.8131, -20.2403



59.7070, 5.0744, 99.3580



41.6770, -20.5468, -36.5507



49.4000, -3.6482, -43.3238

Sweetspot

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



25.0790, 80.8131, -20.2403



180.6100, 31.7443, -8.4280



132.7450, 26.2547, -114.6634



83.6030, 18.9297, -4.9138



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



25.0790, 80.8131, -20.2403



30.2780, 105.8579, -26.5538



50.2280, 68.4146, 36.6340



86.0260, 3.9312, -0.8998



19.7730, 68.1459, -17.3409



3.5340, 13.5407, -3.0993

Inverse Universe

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



58.2550, -26.2547, 114.6634



73.7110, -34.3675, 150.2205



140.7720, -68.4146, -36.6340



87.6910, -1.3267, 5.5330



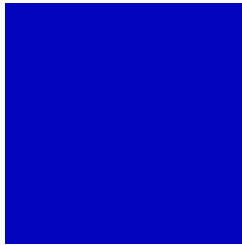
47.5840, -21.9799, 96.8348



9.2690, -4.5696, 19.0581

Previews

White Background



This preview shows how the YUV color 25.0790, 80.8131, -20.2403 looks on a white background.

Color Contrast Check

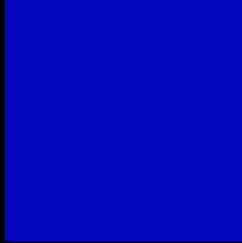
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 25.0790, 80.8131, -20.2403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 25.0790, 80.8131, -20.2403

Background



This preview shows how black text looks on a background with the YUV color 25.0790, 80.8131, -20.2403.



This preview shows how white text looks on a background with the YUV color 25.0790, 80.8131,

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

25.0790, 80.8131, -20.2403

Protanopia

45.5090, 34.7521, -39.9114

Deuteranopia

45.8050, 25.7321, -40.1710



Tritanopia

45.0920, 10.3076, -39.5457

Trichromacy



Original Color

25.0790, 80.8131, -20.2403

Protanomaly

38.3200, 51.6072, -32.7296

Deuteranomaly

38.1260, 45.7869, -32.5595

Tritanomaly

38.1940, 35.8934, -32.6191

Monochromacy



Original Color

25.0790, 80.8131, -20.2403

Achromatopsia

25.0000, 0.0000, 0.0000

Achromatomaly

25.3390, 29.4129, -7.3133

CSS Examples

Text

The CSS property to change the color of the text to YUV 25.0790, 80.8131, -20.2403 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, 5, 189)` looks like.

```
.text, #text, p{  
    color:rgb(2, 5, 189)  
}
```

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, 5, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 5, 189) }
```

Border

The CSS property to change the border of an element to YUV 25.0790, 80.8131, -20.2403 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, 5, 189) }
```


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

```
.border{ border-color:rgb(2, 5, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 5, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 5, 189); -webkit-box-shadow:4px  
4px 4px 4px rgb(2, 5, 189); box-shadow:4px  
4px 4px 4px rgb(2, 5, 189) }
```

Background

The CSS property to change the background color of an element to YUV 25.0790, 80.8131, -20.2403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 5, 189) }
```

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

```
.background{ background-color: rgb(2, 5,  
189) }
```

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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