

Converting Colors

YUV(100.2290, 76.3021,
-66.8528)

Have a look what the booklet for
YUV(100.2290, 76.3021, -66.8528)
contains.

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Color

**YUV(100.2290, 76.3021,
-66.8528)**

Conversions

Conversions Part 1

Format	Color
Hex	186DFF
RGB	24, 109, 255
RGB Percent	9%, 43%, 100%
CMY	0.9059, 0.5725, 0.0000
CMYK	0.91, 0.57, 0.00, 0.00
HSL	218°, 100%, 55%
HSV	218°, 91%, 100%
XYZ	23.8953, 18.3515, 96.8905
YIQ	100.2290, -97.5260, 27.3860

Conversions

Conversions Part 2

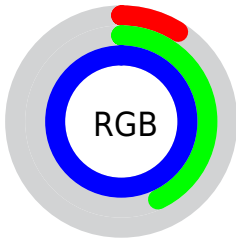
Format	Color
RYB	24, 86, 255
Decimal	1601023
CIELab	49.92, 31.43, -78.72
CIElCh	50, 84.759, 291.768
Yxy	18.3515, 0.1717, 0.1319
Android (android.graphics.Color)	4279791103 (0xFF186DFF)
YUV	100.2290, 76.3021, -66.8528
Hunter-Lab	42.8386, 24.5995, -104.1125

Details

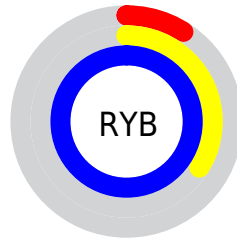
The YUV color **100.2290, 76.3021, -66.8528** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed azure. A complement of this color would be **178.7710, -76.3021, 66.8528**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.2720, 47.6869, -35.3185**, and **59.4390, 67.8176, -52.1280** is the 20% darker color. If you saturate the color by 10%, you get **84.2480, 84.1807, -73.8855**, and if you desaturate by 10%, it is **117.0960, 67.9867, -59.7202**.

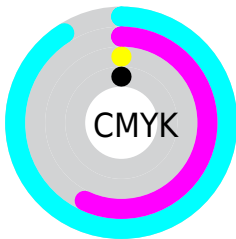
Distribution



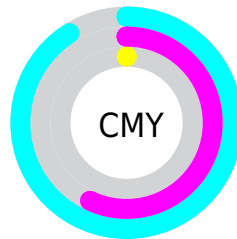
- Red (9%)
- Green (43%)
- Blue (100%)



- Red (9%)
- Yellow (34%)
- Blue (100%)



- Cyan (91%)
- Magenta (57%)
- Yellow (0%)
- Black (0%)



- Cyan (91%)
- Magenta (57%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.2290, 76.3021, -66.8528 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 100.2290, 76.3021, -66.8528 by changing the saturation by 10% instead.

■ 100.2290, 76.3021,
-66.8528

■ 100.2290, 76.3021,
-66.8528

255.0000, 0.0000,
0.0000

■ 75.6590, 74.1181,
-66.3529

■ 158.2720, 47.6869,
-35.3185

■ 59.4390, 67.8176,
-52.1280

■ 184.2870, 34.8615,
-28.3157

■ 44.5070, 61.3750,
-39.0326

■ 209.7040, 22.3309,
-22.5424

■ 30.8630, 54.7905,
-27.0669

■ 235.7080, 9.5110,
-17.2839

■ 13.1100, 50.2318,
-11.4975

■ 252.9070, 1.0318,
-4.3034

■ 17.8910, 35.5497,
-15.6904

■ 11.5190, 26.3661,

-10.1022

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 100.2290, 76.3021,
-66.8528

■ 100.2290, 76.3021,
-66.8528

■ 84.2480, 84.1807,
-73.8855

■ 117.0960, 67.9867,
-59.7202

■ 134.2620, 59.5238,
-51.9728

■ 151.1290, 51.2084,
-44.8401

■ 168.2950, 42.7456,
-37.0927

■ 185.7490, 34.1407,
-30.4749

■ 202.9150, 25.6779,
-22.7275

■ 220.0810, 17.2151,
-14.9800

■ 236.9480, 8.8996,
-7.8474

■ 253.8150, 0.5842,
-0.7148

Harmonies

Analogous

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



107.7280, 72.6051, -94.4775



100.2290, 76.3021, -66.8528



116.3990, 45.6523, 57.5321

Triad

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



100.2290, 76.3021, -66.8528



104.7660, -51.6496, 93.1672



97.2330, -0.6079, -85.2733

Complementary

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



100.2290, 76.3021, -66.8528



178.7710, -76.3021, 66.8528

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.



83.3540, -41.0935, -73.1015



100.2290, 76.3021, -66.8528



112.1220, -55.2761, 42.8660

Square

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



100.2290, 76.3021, -66.8528



79.2560, -4.0702, 139.2185



105.0030, -51.7665, -9.6496



106.3700, 31.8626, -93.2865

Rectangle

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



100.2290, 76.3021, -66.8528



90.2860, 37.3270, 114.6362



105.0030, -51.7665, -9.6496



93.6820, -11.6752, -82.1591

Sweetspot

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



100.2290, 76.3021, -66.8528



208.5410, 22.9043, -19.7685



175.7850, -4.8240, -133.1154



100.4790, 13.5679, -11.8211



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.



100.2290, 76.3021, -66.8528



84.2480, 84.1807, -73.8855



58.4070, 96.9203, -6.4959



118.8300, 4.5208, -3.3589



62.8640, 63.1710, -55.1317



20.7970, 21.2991, -18.2390

Inverse Universe

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



102.7590, 3.0768, 133.5154



86.9610, 3.4702, 147.3702



220.5930, -96.9203, 6.4959



119.3430, -0.1691, 7.5922



65.0890, 2.4211, 110.4239



21.7580, 0.6123, 37.0462

Previews

White Background



This preview shows how the YUV color 100.2290, 76.3021, -66.8528 looks on a white background.

Color Contrast Check

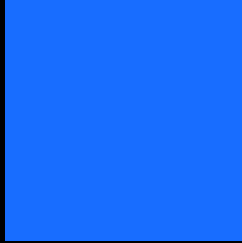
Large Text (above 18pt) WCAG AA ✓ Pass

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 100.2290, 76.3021, -66.8528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

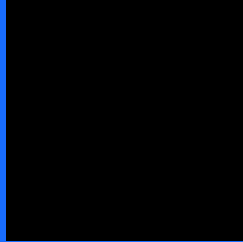
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

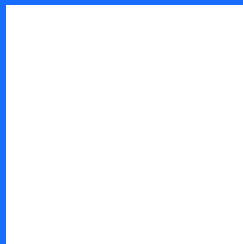
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 100.2290, 76.3021, -66.8528

Background



This preview shows how black text looks on a background with the YUV color 100.2290, 76.3021, -66.8528.



This preview shows how white text looks on a background with the YUV color 100.2290, 76.3021, -66.8528.

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

100.2290, 76.3021, -66.8528

Protanopia

93.8050, 72.5671, -82.2670

Deuteranopia

94.6250, 55.4009, -82.9861



Tritanopia

92.7430, 22.8047, -81.3356

Trichromacy



Original Color

100.2290, 76.3021, -66.8528

Protanomaly

96.4790, 73.7139, -76.7191

Deuteranomaly

96.9060, 62.6573, -77.0936

Tritanomaly

95.5260, 42.1387, -75.8833

Monochromacy



Original Color

100.2290, 76.3021, -66.8528

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

99.7730, 27.7199, -24.3569

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.2290, 76.3021, -66.8528 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(24, 109, 255)` looks like.

```
.text, #text, p{  
    color:rgb(24, 109, 255)  
}
```

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(24, 109, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 109, 255) }
```

Border

The CSS property to change the border of an element to YUV 100.2290, 76.3021, -66.8528 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(24, 109, 255) }
```


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

```
.border{ border-color:rgb(24, 109, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 109, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 109, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 109, 255);  
box-shadow:4px 4px 4px 4px rgb(24, 109,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 100.2290, 76.3021, -66.8528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 109, 255) }
```

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

```
.background{ background-color: rgb(24, 109,  
255) }
```

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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