

Converting Colors

YUV(90.1620, 81.2651,
-72.0561)

Have a look what the booklet for
YUV(90.1620, 81.2651, -72.0561)
contains.

YUV(90.1620, 81.2651, -72.0561)	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>	30

Color

**YUV(90.1620, 81.2651,
-72.0561)**

Conversions

Conversions Part 1

Format	Color
Hex	0864FF
RGB	8, 100, 255
RGB Percent	3%, 39%, 100%
CMY	0.9686, 0.6078, 0.0000
CMYK	0.97, 0.61, 0.00, 0.00
HSL	218°, 100%, 52%
HSV	218°, 97%, 100%
XYZ	22.7073, 16.3860, 96.5737
YIQ	90.1620, -104.5870, 28.7010

Conversions

Conversions Part 2

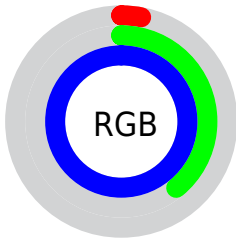
Format	Color
R _Y B	8, 75, 255
Decimal	550143
CIE Lab	47.48, 36.64, -82.72
CIE LCh	47, 90.470, 293.893
Yxy	16.3860, 0.1674, 0.1208
Android (android.graphics.Color)	4278740223 (0xFF0864FF)
YUV	90.1620, 81.2651, -72.0561
Hunter-Lab	40.4796, 29.2916, -113.1148

Details

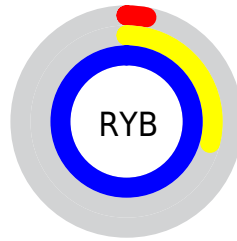
The YUV color **90.1620, 81.2651, -72.0561** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated azure. A complement of this color would be **172.8380, -81.2651, 72.0561**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.5050, 51.0230, -32.0149**, and **54.7430, 70.1327, -48.0096** is the 20% darker color. If you saturate the color by 10%, you get **84.8350, 83.8913, -74.4003**, and if you desaturate by 10%, it is **107.0290, 72.9497, -64.9234**.

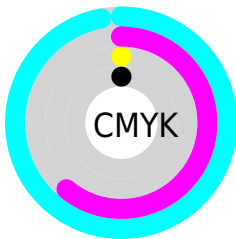
Distribution



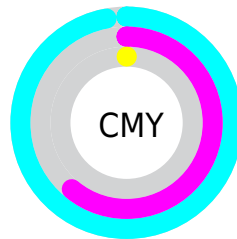
- Red (3%)
- Green (39%)
- Blue (100%)



- Red (3%)
- Yellow (29%)
- Blue (100%)



- Cyan (97%)
- Magenta (61%)
- Yellow (0%)
- Black (0%)



- Cyan (97%)
- Magenta (61%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.1620, 81.2651, -72.0561 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 90.1620, 81.2651, -72.0561 by changing the saturation by 10% instead.

■ 90.1620, 81.2651,
-72.0561

■ 90.1620, 81.2651,
-72.0561

■ 255.0000, 0.0000,
0.0000

■ 70.9630, 76.4332,
-62.2346

■ 151.5050, 51.0230,
-32.0149

■ 54.7430, 70.1327,
-48.0096

■ 177.8190, 38.0502,
-24.3973

■ 39.8110, 63.6902,
-34.9142

■ 203.5350, 25.3722,
-18.0092

■ 27.8140, 55.8007,
-24.3929

■ 229.5390, 12.5523,
-12.7507

■ 14.2840, 49.6530,
-12.5271

■ 252.6080, 1.1793,
-4.9182

■ 17.7770, 35.1129,
-15.5904

■ 11.5190, 26.3661,

-10.1022

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 90.1620, 81.2651,
-72.0561

■ 90.1620, 81.2651,
-72.0561

■ 84.8350, 83.8913,
-74.4003

■ 107.0290, 72.9497,
-64.9234

■ 124.1950, 64.4869,
-57.1760

■ 141.3610, 56.0240,
-49.4286

■ 158.2280, 47.7086,
-42.2960

■ 175.3940, 39.2458,
-34.5485

■ 192.2610, 30.9303,
-27.4159

■ 209.4270, 22.4675,
-19.6685

■ 226.2940, 14.1521,
-12.5358

■ 243.4600, 5.6892,
-4.7884

Harmonies

Analogous

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



104.2060, 74.3414, -91.3887



90.1620, 81.2651, -72.0561



104.3990, 49.1033, 70.6871

Triad

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



90.1620, 81.2651, -72.0561



97.9770, -48.3027, 92.9822



93.4830, 0.2549, -81.9846

Complementary

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



90.1620, 81.2651, -72.0561



172.8380, -81.2651, 72.0561

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.



80.4190, -39.6466, -70.5275



90.1620, 81.2651, -72.0561



106.7840, -52.6445, 38.7774

Square

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



90.1620, 81.2651, -72.0561



77.0620, -9.8906, 139.3886



97.2840, -47.9610, -16.9121



103.6630, 34.1831, -90.9125

Rectangle

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



90.1620, 81.2651, -72.0561



84.5750, 35.7055, 121.3987



97.2840, -47.9610, -16.9121



89.8180, -11.2493, -78.7704

Sweetspot

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



90.1620, 81.2651, -72.0561



205.8720, 24.2201, -21.8127



170.3170, -5.0863, -142.3520



97.5220, 15.0257, -12.7358



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.



90.1620, 81.2651, -72.0561



84.8350, 83.8913, -74.4003



44.8290, 103.6143, -6.8660



118.8300, 4.5208, -3.3589



63.4510, 62.8817, -55.6465



21.3840, 21.0097, -18.7538

Inverse Universe

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



92.3410, 3.7759, 142.6519



87.0750, 3.9070, 147.2702



218.1710, -103.6143, 6.8660



119.3430, -0.1691, 7.5922



65.2030, 2.8579, 110.3240



21.8720, 1.0491, 36.9463

Previews

White Background



This preview shows how the YUV color 90.1620, 81.2651, -72.0561 looks on a white background.

Color Contrast Check

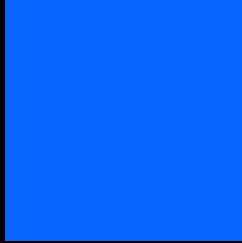
Large Text (above 18pt) WCAG AA ✓ Pass

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 90.1620, 81.2651, -72.0561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

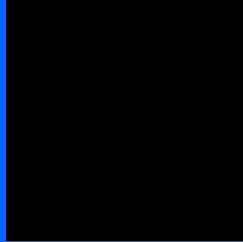
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

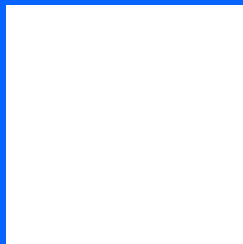
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 90.1620, 81.2651, -72.0561

Background



This preview shows how black text looks on a background with the YUV color 90.1620, 81.2651, -72.0561.



This preview shows how white text looks on a background with the YUV color 90.1620, 81.2651, -72.0561.

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

90.1620, 81.2651, -72.0561

Protanopia

89.3880, 68.3357, -78.3933

Tritanopia

87.7220, 21.3361, -76.9322

Trichromacy



Original Color

90.1620, 81.2651, -72.0561

Protanomaly

89.6640, 73.1296, -76.0043

Tritanomaly

88.4660, 43.1543, -74.9537

Monochromacy



Original Color

90.1620, 81.2651, -72.0561

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.2180, 29.4725, -26.5012

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.1620, 81.2651, -72.0561 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(8, 100, 255)` looks like.

```
.text, #text, p{  
    color:rgb(8, 100, 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(8, 100, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 100, 255) }
```

Border

The CSS property to change the border of an element to YUV 90.1620, 81.2651, -72.0561 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(8, 100, 255) }
```

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

```
.border{ border-color:rgb(8, 100, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 100, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 100, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 100, 255);  
box-shadow:4px 4px 4px 4px rgb(8, 100,  
255) }
```


Background

The CSS property to change the background color of an element to YUV 90.1620, 81.2651, -72.0561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 100, 255) }
```

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

```
.background{ background-color: rgb(8, 100,  
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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