

Converting Colors

YUV(79.7720, -18.1286,
-65.5750)

Have a look what the booklet for
YUV(79.7720, -18.1286, -65.5750)
contains.

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Color

**YUV(79.7720, -18.1286,
-65.5750)**

Conversions

Conversions Part 1

Format	Color
Hex	057D2B
RGB	5, 125, 43
RGB Percent	2%, 49%, 17%
CMY	0.9804, 0.5098, 0.8314
CMYK	0.96, 0.00, 0.66, 0.51
HSL	139°, 92%, 25%
HSV	139°, 96%, 49%
XYZ	7.8322, 14.8739, 4.7437
YIQ	79.7720, -45.1980, -50.9420

Conversions

Conversions Part 2

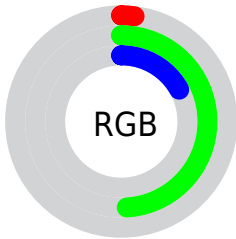
Format	Color
RYB	5, 96, 125
Decimal	359723
CIELab	45.46, -47.34, 35.59
CIELCh	45, 59.226, 143.061
Yxy	14.8739, 0.2853, 0.5419
Android (android.graphics.Color)	4278549803 (0xFF057D2B)
YUV	79.7720, -18.1286, -65.5750
Hunter-Lab	38.5667, -31.2414, 19.7041

Details

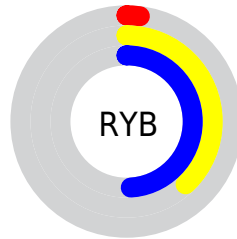
The YUV color **79.7720, -18.1286, -65.5750** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **50.2280, 18.1286, 65.5750**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.4810, -23.4081, -52.1648**, and **43.4380, -21.4149, -38.0951** is the 20% darker color. If you saturate the color by 10%, you get **77.9350, -18.7020, -68.3490**, and if you desaturate by 10%, it is **84.3860, -15.9663, -59.0975**.

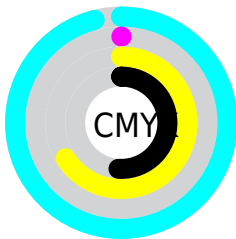
Distribution



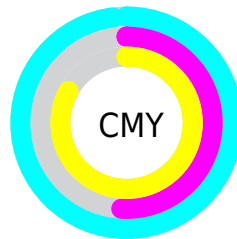
- Red (2%)
- Green (49%)
- Blue (17%)



- Red (2%)
- Yellow (38%)
- Blue (49%)



- Cyan (96%)
- Magenta (0%)
- Yellow (66%)
- Black (51%)



- Cyan (98%)
- Magenta (51%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.7720, -18.1286, -65.5750 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 79.7720, -18.1286, -65.5750 by changing the saturation by 10% instead.

■ 79.7720, -18.1286,
-65.5750

■ 79.7720, -18.1286,
-65.5750

255.0000, 0.0000,
0.0000

■ 60.1650, -20.7873,
-52.7647

■ 139.4810,
-23.4081, -52.1648

■ 43.4380, -21.4149,
-38.0951

■ 167.5520,
-24.4291, -51.3501

■ 29.9370, -14.7589,
-26.2547

■ 195.3240,
-25.3027, -51.1501

■ 16.4360, -8.1029,
-14.4144

■ 218.5140,
-23.4244, -46.9318

■ 0.0000, 0.0000,
0.0000

■ 230.2630,
-15.9057, -31.8027

■ 242.2400, -7.5133,

-16.8735

254.4020, 0.2948,
-1.2296

■ 79.7720, -18.1286,
-65.5750

■ 79.7720, -18.1286,
-65.5750

■ 77.9350, -18.7020,
-68.3490

■ 84.3860, -15.9663,
-59.0975

■ 89.1850, -14.3882,
-51.9052

■ 93.7990, -12.2259,
-45.4277

■ 98.5980, -10.6478,
-38.2354

■ 103.2120, -8.4855,
-31.7579

■ 108.0110, -6.9074,
-24.5656

■ 112.6250, -4.7451,
-18.0881

■ 117.4240, -3.1670,
-10.8958

■ 122.0380, -1.0047,
-4.4183

Harmonies

Analogous

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



95.8990, -47.2782, -2.5424



79.7720, -18.1286, -65.5750



86.4390, 3.7276, -75.8070

Triad

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



79.7720, -18.1286, -65.5750



92.1630, 56.1216, -80.8270



99.9610, -13.7848, 81.5952

Complementary

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



79.7720, -18.1286, -65.5750



50.2280, 18.1286, 65.5750

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.



102.0030, 9.3655, 76.2964



79.7720, -18.1286, -65.5750



105.3060, 46.1911, -22.1934

Square

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



79.7720, -18.1286, -65.5750



95.7530, 44.4918, -83.9754



109.5220, 28.8297, 39.8842



102.2490, -37.5908, 63.8026

Rectangle

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



79.7720, -18.1286, -65.5750



91.0160, 18.7261, -79.8210



109.5220, 28.8297, 39.8842



99.4480, -5.6439, 83.7991

Sweetspot

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



79.7720, -18.1286, -65.5750



145.2990, -7.0494, -25.6952



99.9580, -46.8143, -11.3642



71.0490, -4.4612, -15.8290



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



79.7720, -18.1286, -65.5750



101.6090, -24.4572, -89.1111



86.6120, 8.0793, -71.5737



61.3370, -1.1521, -3.8035



79.6960, -19.5701, -69.8934



0.0000, 0.0000, 0.0000

Inverse Universe

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



50.2280, 18.1286, 65.5750



61.5050, 24.8940, 89.0111



43.3880, -8.0793, 71.5737



59.6630, 1.1521, 3.8035



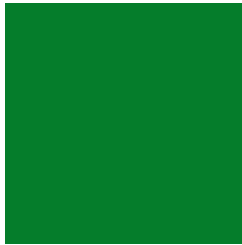
48.1900, 19.1333, 69.9934



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 79.7720, -18.1286, -65.5750 looks on a white background.

Color Contrast Check

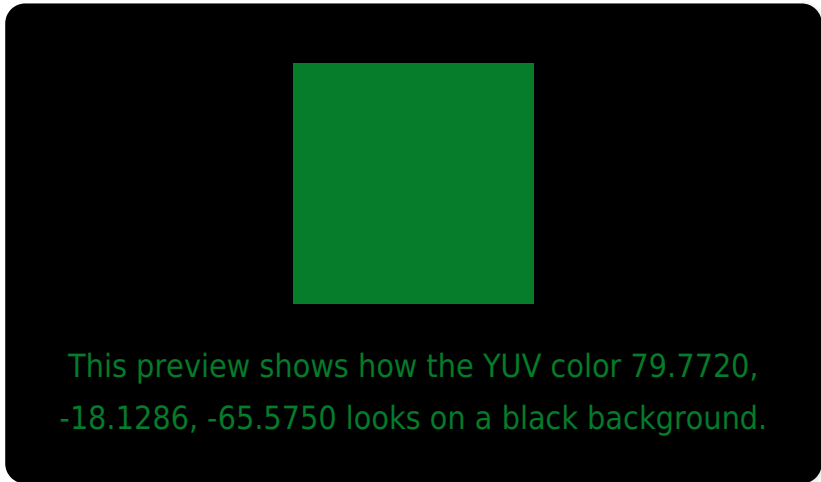
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 79.7720, -18.1286, -65.5750 Background



This preview shows how black text looks on a background with the YUV color 79.7720, -18.1286, -65.5750.



This preview shows how white text looks on a background with the YUV color 79.7720, -18.1286, -65.5750.

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

79.7720, -18.1286, -65.5750

Protanopia

103.0210, -32.0554, 14.8906

Deuteranopia

105.0420, -27.1357, 23.6422



Tritanopia

98.2920, 13.6600, -41.4751

Trichromacy



Original Color

79.7720, -18.1286, -65.5750



Protanomaly

94.8000, -27.0164, -14.7336



Deuteranomaly

95.6420, -23.9805, -8.4560



Tritanomaly

91.5500, 2.1939, -50.4714

Monochromacy



Original Color

79.7720, -18.1286, -65.5750



Achromatopsia

80.0000, 0.0000, 0.0000



Achromatomaly

79.8370, -6.3286, -23.5360

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.7720, -18.1286, -65.5750 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(5, 125, 43)` looks like.

```
.text, #text, p{  
    color:rgb(5, 125, 43)  
}
```

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(5, 125, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 125, 43) }
```

Border

The CSS property to change the border of an element to YUV 79.7720, -18.1286, -65.5750 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(5, 125, 43) }
```


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

```
.border{ border-color:rgb(5, 125, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 125, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 125, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 125, 43);  
box-shadow:4px 4px 4px 4px rgb(5, 125, 43)  
}
```

Background

The CSS property to change the background color of an element to YUV 79.7720, -18.1286, -65.5750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 125, 43) }
```

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

```
.background{ background-color: rgb(5, 125,  
43) }
```

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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