

Converting Colors

YUV(20.6560, 58.8366,
-18.1153)

Have a look what the booklet for
YUV(20.6560, 58.8366, -18.1153)
contains.

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Color

**YUV(20.6560, 58.8366,
-18.1153)**

Conversions

Conversions Part 1

Format	Color
Hex	00088C
RGB	0, 8, 140
RGB Percent	0%, 3%, 55%
CMY	1.0000, 0.9686, 0.4510
CMYK	1.00, 0.94, 0.00, 0.45
HSL	237°, 100%, 27%
HSV	237°, 100%, 55%
XYZ	4.8205, 2.0671, 24.9559
YIQ	20.6560, -47.1400, 39.3560

Conversions

Conversions Part 2

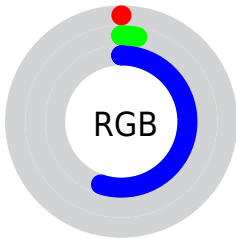
Format	Color
RYB	0, 8, 140
Decimal	2188
CIELab	15.84, 47.85, -67.51
CIELCh	16, 82.748, 305.332
Yxy	2.0671, 0.1514, 0.0649
Android (android.graphics.Color)	4278192268 (0xFF00088C)
YUV	20.6560, 58.8366, -18.1153
Hunter-Lab	14.3775, 34.6867, -92.8491

Details

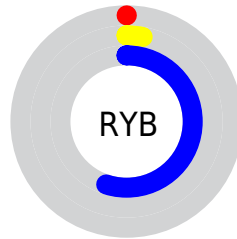
The YUV color **20.6560, 58.8366, -18.1153** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **119.3440, -58.8366, 18.1153**, and the grayscale version is **20.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **81.9900, 55.7139, 3.5168**, and **10.0320, 38.4382, -8.7981** is the 20% darker color. If you saturate the color by 10%, you get **20.6560, 58.8366, -18.1153**, and if you desaturate by 10%, it is **32.4730, 53.0108, -16.2008**.

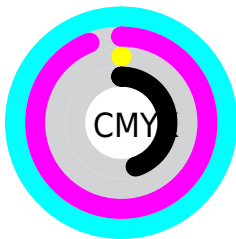
Distribution



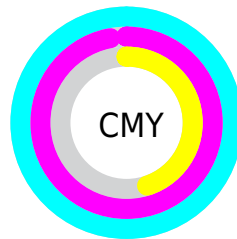
- Red (0%)
- Green (3%)
- Blue (55%)



- Red (0%)
- Yellow (3%)
- Blue (55%)



- Cyan (100%)
- Magenta (94%)
- Yellow (0%)
- Black (45%)



- Cyan (100%)
- Magenta (97%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 20.6560, 58.8366, -18.1153 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 20.6560, 58.8366, -18.1153 by changing the saturation by 10% instead.

■ 20.6560, 58.8366,
-18.1153

■ 20.6560, 58.8366,
-18.1153

■ 248.5430, 3.1833,
5.6628

■ 12.9960, 49.7950,
-11.3975

■ 81.9900, 55.7139,
3.5168

■ 10.0320, 38.4382,
-8.7981

■ 108.3540, 57.0135,
6.7055

■ 11.4050, 25.9293,
-10.0022

■ 135.0060, 58.1710,
8.7647

■ 6.4350, 17.0405,
-5.6435

■ 159.4660, 47.0983,
13.6233

■ 2.7530, 8.0098,
-2.4144

■ 184.2850, 34.8625,
18.1671

■ 0.0000, 0.0000,
0.0000

■ 209.6910, 22.3373,

22.1960

■ 232.1070, 11.2862,
20.0772

■ 20.6560, 58.8366,
-18.1153

■ 32.4730, 53.0108,
-16.2008

■ 44.2900, 47.1850,
-14.2863

■ 56.6940, 41.0699,
-12.8866

■ 68.5110, 35.2441,
-10.9721

■ 80.3280, 29.4183,
-9.0577

■ 92.1450, 23.5925,
-7.1432

■ 103.9620, 17.7667,
-5.2287

■ 116.3660, 11.6516,
-3.8290

■ 128.1830, 5.8258,
-1.9145

Harmonies

Analogous

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



47.4590, 57.4547, -41.6215



20.6560, 58.8366, -18.1153



43.1500, 23.0970, 58.6274

Triad

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



20.6560, 58.8366, -18.1153



28.6490, -14.1240, 50.2968



38.4580, 5.1972, -33.7277

Complementary

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



20.6560, 58.8366, -18.1153



119.3440, -58.8366, 18.1153

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.



32.2850, -15.9165, -28.3139



20.6560, 58.8366, -18.1153



36.9130, -18.1981, 3.5843

Square

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



20.6560, 58.8366, -18.1153



35.2820, -17.3940, 72.5437



30.5240, -15.0483, -26.7695



47.6460, 30.2475, -41.7855

Rectangle

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



20.6560, 58.8366, -18.1153



43.9010, 3.9928, 72.8778



30.5240, -15.0483, -26.7695



36.0640, -3.9756, -31.6281

Sweetspot

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



20.6560, 58.8366, -18.1153



134.9170, 22.7189, -6.9432



97.1140, 16.7058, -85.1690



63.9360, 13.8356, -4.3289



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



20.6560, 58.8366, -18.1153



26.5040, 76.1665, -23.2440



34.1990, 52.1599, 23.5045



62.7980, 3.0576, -0.6998



19.8580, 55.7790, -17.4155



0.5700, 2.1840, -0.4999

Inverse Universe

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



42.7720, -17.1426, 85.2690



55.2590, -22.3127, 110.2749



105.8010, -52.1599, -23.5045



64.0930, -1.0318, 4.3034



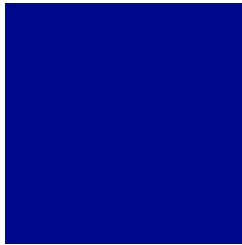
40.6790, -16.1107, 80.9655



1.4950, -0.7370, 3.0739

Previews

White Background



This preview shows how the YUV color 20.6560, 58.8366, -18.1153 looks on a white background.

Color Contrast Check

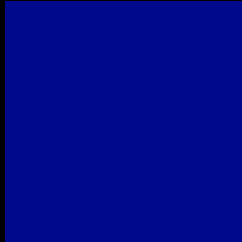
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.6560, 58.8366, -18.1153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

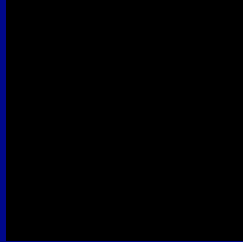
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 20.6560, 58.8366, -18.1153

Background



This preview shows how black text looks on a background with the YUV color 20.6560, 58.8366, -18.1153.



This preview shows how white text looks on a background with the YUV color 20.6560, 58.8366,

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

20.6560, 58.8366, -18.1153

Protanopia

33.8710, 25.6996, -29.7049

Deuteranopia

34.1500, 19.1531, -29.9495



Tritanopia

33.2890, 8.2385, -29.1945

Trichromacy



Original Color

20.6560, 58.8366, -18.1153

Protanomaly

29.1070, 37.9082, -25.5268

Deuteranomaly

29.2550, 33.3983, -25.6566

Tritanomaly

28.8330, 26.7043, -25.2865

Monochromacy



Original Color

20.6560, 58.8366, -18.1153

Achromatopsia

21.0000, 0.0000, 0.0000

Achromatomaly

20.5750, 21.4085, -6.6433

CSS Examples

Text

The CSS property to change the color of the text to YUV 20.6560, 58.8366, -18.1153 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(0, 8, 140)` looks like.

```
.text, #text, p{  
    color:rgb(0, 8, 140)  
}
```

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(0, 8, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 8, 140) }
```

Border

The CSS property to change the border of an element to YUV 20.6560, 58.8366, -18.1153 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(0, 8, 140) }
```


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

```
.border{ border-color:rgb(0, 8, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 8, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 8, 140); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 8, 140); box-shadow:4px  
4px 4px 4px rgb(0, 8, 140) }
```

Background

The CSS property to change the background color of an element to YUV 20.6560, 58.8366, -18.1153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 8, 140) }
```

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

```
.background{ background-color: rgb(0, 8,  
140) }
```

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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