

Converting Colors

YUV(88.2120, -18.3455, 4.1991)

Have a look what the booklet for
YUV(88.2120, -18.3455, 4.1991)
contains.

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Color

**YUV(88.2120, -18.3455,
4.1991)**

Conversions

Conversions Part 1

Format	Color
Hex	5D5D33
RGB	93, 93, 51
RGB Percent	36%, 36%, 20%
CMY	0.6353, 0.6353, 0.8000
CMYK	0.00, 0.00, 0.45, 0.64
HSL	60°, 29%, 28%
HSV	60°, 45%, 36%
XYZ	9.0261, 10.3949, 4.6627
YIQ	88.2120, 13.4820, -13.0620

Conversions

Conversions Part 2

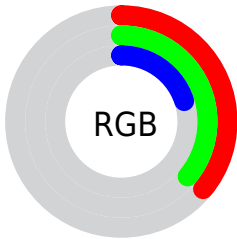
Format	Color
RYB	51, 93, 51
Decimal	6118707
CIELab	38.54, -6.98, 24.07
CIELCh	39, 25.058, 106.170
Yxy	10.3949, 0.3748, 0.4316
Android (android.graphics.Color)	4284308787 (0xFF5D5D33)
YUV	88.2120, -18.3455, 4.1991
Hunter-Lab	32.2411, -6.4497, 13.9943

Details

The YUV color **88.2120, -18.3455, 4.1991** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **55.7880, 18.3455, -4.1991**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.1690, -19.8033, 5.1138**, and **41.9130, -18.1981, 3.5843** is the 20% darker color. If you saturate the color by 10%, you get **87.1860, -22.2767, 5.0989**, and if you desaturate by 10%, it is **89.2380, -14.4143, 3.2993**.

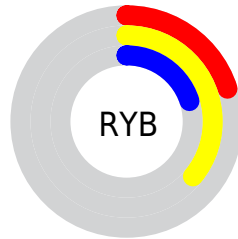
Distribution



Red (36%)

Green (36%)

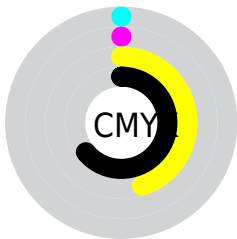
Blue (20%)



Red (20%)

Yellow (36%)

Blue (20%)

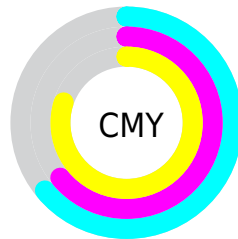


Cyan (0%)

Magenta (0%)

Yellow (45%)

Black (64%)



Cyan (64%)

Magenta (64%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.2120, -18.3455, 4.1991 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 88.2120, -18.3455, 4.1991 by changing the saturation by 10% instead.

■ 88.2120, -18.3455,
4.1991

■ 88.2120, -18.3455,
4.1991

■ 255.0000, 0.0000,
0.0000

■ 64.4400, -17.4719,
3.9991

■ 138.1690,
-19.8033, 5.1138

■ 41.9130, -18.1981,
3.5843

■ 164.9410,
-20.6769, 5.3137

■ 23.0250, -11.3513,
0.8551

■ 192.1260,
-21.2611, 6.0285

■ 0.0000, 0.0000,
0.0000

■ 220.0120,
-21.6979, 6.1285

■ 248.0120,
-21.6979, 6.1285

■ 252.3780,

-10.0464, 2.2995

■ 88.2120, -18.3455,
4.1991

■ 88.2120, -18.3455,
4.1991

■ 87.1860, -22.2767,
5.0989

■ 89.2380, -14.4143,
3.2993

■ 86.0460, -26.6447,
6.0987

■ 90.3780, -10.0464,
2.2995

■ 85.0200, -30.5759,
6.9985

■ 91.4040, -6.1152,
1.3997

■ 83.9940, -34.5070,
7.8983

■ 92.4300, -2.1840,
0.4999

■ 82.9680, -38.4382,
8.7981

■ 93.5700, 2.1840,
-0.4999

■ 82.3980, -40.6222,
9.2980

■ 94.5960, 6.1152,
-1.3997

■ 95.6220, 10.0464,
-2.2995

■ 96.6480, 13.9775,
-3.1993

■ 97.7880, 18.3455,
-4.1991

Harmonies

Analogous

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



89.7840, -19.1205, 19.4834



88.2120, -18.3455, 4.1991



85.5240, -11.5973, -13.6145

Triad

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



88.2120, -18.3455, 4.1991



72.2660, 23.0399, -63.3773



93.2020, 3.8444, 27.0098

Complementary

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



88.2120, -18.3455, 4.1991



55.7880, 18.3455, -4.1991

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.



93.1060, 12.7657, 12.1850



88.2120, -18.3455, 4.1991



84.0290, 22.6637, -35.9824

Square

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



88.2120, -18.3455, 4.1991



73.1820, 13.7143, -58.9186



90.6840, 19.3828, -10.2469



92.0150, -5.9234, 33.3128

Rectangle

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



88.2120, -18.3455, 4.1991



82.9830, -4.4286, -26.2951



90.6840, 19.3828, -10.2469



93.3910, 7.2022, 23.3361

Sweetspot

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



88.2120, -18.3455, 4.1991



118.0620, -7.4256, 1.6996



63.5580, -6.1911, 25.8206



59.8600, -4.3680, 0.9998



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



88.2120, -18.3455, 4.1991



112.5900, -28.3919, 6.4986



81.9330, -15.2500, -8.7112



45.4300, -2.1840, 0.4999



97.4600, -48.0478, 10.9976



209.9820, -103.5211, 23.6948

Inverse Universe

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



55.7880, 18.3455, -4.1991



62.4100, 28.3919, -6.4986



62.0670, 15.2500, 8.7112



41.5700, 2.1840, -0.4999



12.5400, 48.0478, -10.9976



27.0180, 103.5211, -23.6948

Previews

White Background



This preview shows how the YUV color 88.2120, -18.3455, 4.1991 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 88.2120, -18.3455, 4.1991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

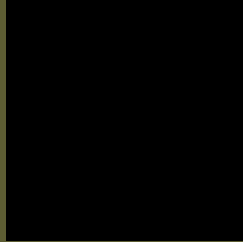
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.2120, -18.3455, 4.1991

Background



This preview shows how black text looks on a background with the YUV color 88.2120, -18.3455, 4.1991.



This preview shows how white text looks on a background with the YUV color 88.2120, -18.3455,

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

88.2120, -18.3455, 4.1991

Protanopia

89.0170, -19.2354, 9.6321

Deuteranopia

90.0010, -18.2415, 17.5391



Tritanopia

91.7880, 1.5835, 5.4479

Trichromacy



Original Color

88.2120, -18.3455, 4.1991

Protanomaly

88.7070, -19.0826, 7.2730

Deuteranomaly

89.2670, -18.3726, 12.9208

Tritanomaly

90.5400, -5.6892, 4.7884

Monochromacy



Original Color

88.2120, -18.3455, 4.1991

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.2900, -6.5520, 1.4997

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.2120, -18.3455, 4.1991 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(93, 93, 51)` looks like.

```
.text, #text, p{  
    color:rgb(93, 93, 51)  
}
```

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(93, 93, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 93, 51) }
```

Border

The CSS property to change the border of an element to YUV 88.2120, -18.3455, 4.1991 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(93, 93, 51) }
```


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

```
.border{ border-color:rgb(93, 93, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 93, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 93, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 93, 51);  
box-shadow:4px 4px 4px 4px rgb(93, 93, 51)  
}
```

Background

The CSS property to change the background color of an element to YUV 88.2120, -18.3455, 4.1991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 93, 51) }
```

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

```
.background{ background-color: rgb(93, 93,  
51) }
```

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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