

Converting Colors

YUV(100.6820, 25.7928,
-12.8761)

Have a look what the booklet for
YUV(100.6820, 25.7928, -12.8761)
contains.

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Color

**YUV(100.6820, 25.7928,
-12.8761)**

Conversions

Conversions Part 1

Format	Color
Hex	566299
RGB	86, 98, 153
RGB Percent	34%, 38%, 60%
CMY	0.6627, 0.6157, 0.4000
CMYK	0.44, 0.36, 0.00, 0.40
HSL	229°, 28%, 47%
HSV	229°, 44%, 60%
XYZ	13.9552, 13.0137, 31.9134
YIQ	100.6820, -24.8070, 14.5610

Conversions

Conversions Part 2

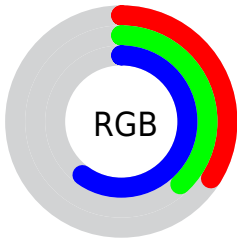
Format	Color
R_{YB}	86, 96, 153
Decimal	5661337
CIE _{Lab}	42.78, 10.40, -31.50
CIE _{LCh}	43, 33.172, 288.267
Yxy	13.0137, 0.2370, 0.2210
Android (android.graphics.Color)	4283851417 (0xFF566299)
YUV	100.6820, 25.7928, -12.8761
Hunter-Lab	36.0745, 5.9212, -27.1988

Details

The YUV color **100.6820, 25.7928, -12.8761** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **138.3180, -25.7928, 12.8761**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.1490, 27.5345, -11.5317**, and **52.3180, 24.4932, -16.0649** is the 20% darker color. If you saturate the color by 10%, you get **88.5660, 31.7660, -15.4054**, and if you desaturate by 10%, it is **112.7980, 19.8196, -10.3468**.

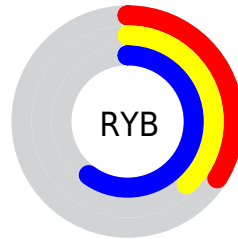
Distribution



Red (34%)

Green (38%)

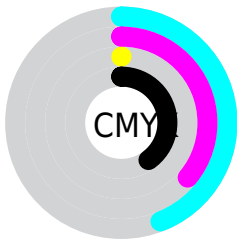
Blue (60%)



Red (34%)

Yellow (38%)

Blue (60%)

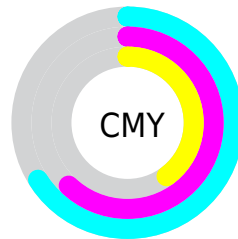


Cyan (44%)

Magenta (36%)

Yellow (0%)

Black (40%)



Cyan (66%)

Magenta (62%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.6820, 25.7928, -12.8761 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 100.6820, 25.7928, -12.8761 by changing the saturation by 10% instead.

■ 100.6820, 25.7928,
-12.8761

■ 100.6820, 25.7928,
-12.8761

■ 255.0000, 0.0000,
0.0000

■ 75.8560, 25.2140,
-13.9057

■ 152.1490, 27.5345,
-11.5317

■ 52.3180, 24.4932,
-16.0649

■ 179.2630, 27.9713,
-11.6317

■ 27.2740, 24.5149,
-23.0423

■ 205.6500, 24.3296,
-10.2170

■ 9.6780, 21.8507,
-8.4876

■ 231.0450, 11.8098,
-7.9325

■ 4.8220, 13.3988,
-4.2289

■ 253.8040, 0.5896,
-2.4591

■ 0.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,

0.0000

■ 100.6820, 25.7928,
-12.8761

■ 100.6820, 25.7928,
-12.8761

■ 88.5660, 31.7660,
-15.4054

■ 112.7980, 19.8196,
-10.3468

■ 76.7380, 37.5972,
-19.0642

■ 124.6260, 13.9884,
-6.6880

■ 64.6220, 43.5704,
-21.5935

■ 136.7420, 8.0152,
-4.1587

■ 53.0930, 49.2542,
-24.6376

■ 148.2710, 2.3314,
-1.1147

■ 40.9770, 55.2273,
-27.1668

■ 160.6860, -3.7892,
2.0294

■ 33.2910, 59.0165,
-29.1962

■ 172.2150, -9.4730,
5.0734

■ 184.3310,
-15.4462, 7.6027

■ 195.8600,
-21.1300, 10.6468

■ 208.2750,
-27.2506, 13.7908

Harmonies

Analogous

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



86.3450, 33.3539, -58.1846



100.6820, 25.7928, -12.8761



103.8770, 16.8226, 17.6479

Triad

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



100.6820, 25.7928, -12.8761



100.7910, -19.6170, 38.7713



83.6420, 2.6415, -54.0600

Complementary

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



100.6820, 25.7928, -12.8761



138.3180, -25.7928, 12.8761

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.



93.2690, -14.9226, -20.4069



100.6820, 25.7928, -12.8761



99.6830, -25.9727, 23.9570

Square

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



100.6820, 25.7928, -12.8761



101.8100, -8.2873, 44.8936



97.1920, -24.7447, 3.3396



80.8430, 17.8254, -70.8993

Rectangle

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



100.6820, 25.7928, -12.8761



103.6140, 9.0643, 32.7875



97.1920, -24.7447, 3.3396



88.8950, -4.3852, -40.2499

Sweetspot

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



100.6820, 25.7928, -12.8761



178.8990, 9.9098, -5.1734



131.5990, 4.6347, -39.9903



86.8840, 5.9732, -2.5293



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



100.6820, 25.7928, -12.8761



116.2370, 40.8022, -20.3788



99.9170, 26.1699, 6.2118



70.4990, 3.2050, -1.3146



30.6350, 53.9169, -26.8669



2.6560, 5.0996, -2.3293

Inverse Universe

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



107.4010, -4.6347, 39.9903



126.8600, -7.3260, 63.2668



139.0830, -26.1699, -6.2118



71.5060, -0.7425, 4.8182



44.7100, -9.7170, 83.5693



4.1150, -1.0427, 7.7921

Previews

White Background



This preview shows how the YUV color 100.6820, 25.7928, -12.8761 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 100.6820, 25.7928, -12.8761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

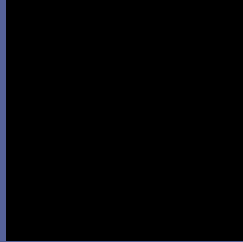
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

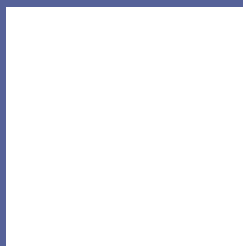
Any Text WCAG AAA × Fail

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

YUV 100.6820, 25.7928, -12.8761 Background



This preview shows how black text looks on a background with the YUV color 100.6820, 25.7928, -12.8761.



This preview shows how white text looks on a background with the YUV color 100.6820, 25.7928, -12.8761.

-12.8761.

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

100.6820, 25.7928, -12.8761

Protanopia

99.8880, 26.6772, -16.5648

Deuteranopia

98.7520, 26.2513, -19.9535



Tritanopia

97.9420, 7.9166, -19.2431

Trichromacy



Original Color

100.6820, 25.7928, -12.8761

Protanomaly

100.4860, 26.3824, -15.3352

Deuteranomaly

99.3610, 25.9510, -16.9796

Tritanomaly

98.9730, 14.3103, -16.6393

Monochromacy



Original Color

100.6820, 25.7928, -12.8761

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

101.0840, 9.3256, -4.4587

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.6820, 25.7928, -12.8761 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(86, 98, 153)` looks like.

```
.text, #text, p{  
    color:rgb(86, 98, 153)  
}
```

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(86, 98, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 98, 153) }
```

Border

The CSS property to change the border of an element to YUV 100.6820, 25.7928, -12.8761 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(86, 98, 153) }
```


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

```
.border{ border-color:rgb(86, 98, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 98, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 98, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 98, 153);  
box-shadow:4px 4px 4px 4px rgb(86, 98,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 100.6820, 25.7928, -12.8761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 98, 153) }
```

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

```
.background{ background-color: rgb(86, 98,  
153) }
```

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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