

Converting Colors

YUV(52.9100, 26.6664,
-13.0761)

Have a look what the booklet for
YUV(52.9100, 26.6664, -13.0761)
contains.

YUV(52.9100, 26.6664, -13.0761)	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>	31

Color

**YUV(52.9100, 26.6664,
-13.0761)**

Conversions

Conversions Part 1

Format	Color
Hex	26326B
RGB	38, 50, 107
RGB Percent	15%, 20%, 42%
CMY	0.8510, 0.8039, 0.5804
CMYK	0.64, 0.53, 0.00, 0.58
HSL	230°, 48%, 28%
HSV	230°, 64%, 42%
XYZ	4.5938, 3.7548, 14.3926
YIQ	52.9100, -25.4490, 15.1830

Conversions

Conversions Part 2

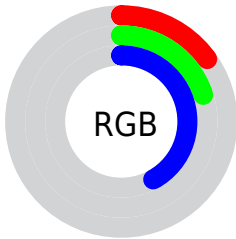
Format	Color
R_{YB}	38, 48, 107
Decimal	2503275
CIE _{Lab}	22.84, 14.70, -34.91
CIE _{LCh}	23, 37.877, 292.836
Yxy	3.7548, 0.2020, 0.1651
Android (android.graphics.Color)	4280693355 (0xFF26326B)
YUV	52.9100, 26.6664, -13.0761
Hunter-Lab	19.3773, 8.4066, -30.4736

Details

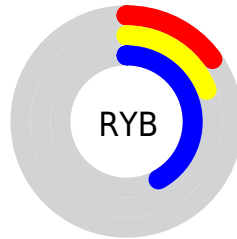
The YUV color **52.9100, 26.6664, -13.0761** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **92.0900, -26.6664, 13.0761**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.3880, 28.4027, -9.9873**, and **9.0740, 24.6135, -7.9579** is the 20% darker color. If you saturate the color by 10%, you get **44.3380, 30.8924, -15.2054**, and if you desaturate by 10%, it is **61.4820, 22.4404, -10.9467**.

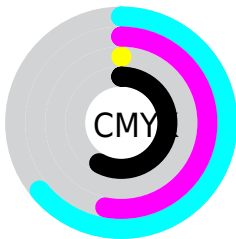
Distribution



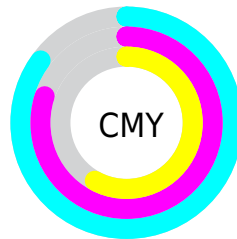
- Red (15%)
- Green (20%)
- Blue (42%)



- Red (15%)
- Yellow (19%)
- Blue (42%)



- Cyan (64%)
- Magenta (53%)
- Yellow (0%)
- Black (58%)



- Cyan (85%)
- Magenta (80%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.9100, 26.6664, -13.0761 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 52.9100, 26.6664, -13.0761 by changing the saturation by 10% instead.

■ 52.9100, 26.6664,
-13.0761

■ 52.9100, 26.6664,
-13.0761

■ 255.0000, 0.0000,
0.0000

■ 27.8660, 26.6881,
-20.0535

■ 101.3880, 28.4027,
-9.9873

■ 9.0740, 24.6135,
-7.9579

■ 127.2140, 28.9815,
-8.9577

■ 5.3920, 15.5827,
-4.7288

■ 153.1540, 29.9971,
-8.0281

■ 2.0690, 5.3890,
-1.8145

■ 180.3820, 30.8707,
-8.2280

■ 0.0000, 0.0000,
0.0000

■ 205.9710, 24.1713,
-6.1136

■ 231.0780, 11.7935,

-2.6994

■ 52.9100, 26.6664,
-13.0761

■ 52.9100, 26.6664,
-13.0761

■ 44.3380, 30.8924,
-15.2054

■ 61.4820, 22.4404,
-10.9467

■ 36.0650, 34.9710,
-16.7200

■ 69.7550, 18.3618,
-9.4321

■ 27.4930, 39.1970,
-18.8494

■ 78.3270, 14.1358,
-7.3028

■ 23.3510, 41.2390,
-20.4788

■ 86.3120, 10.1992,
-4.6586

■ 94.8840, 5.9732,
-2.5293

■ 103.1570, 1.8946,
-1.0147

■ 111.7290, -2.3314,
1.1147

■ 120.3010, -6.5574,
3.2440

■ 128.5740,
-10.6360, 4.7586

Harmonies

Analogous

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



47.8740, 31.1211, -41.9855



52.9100, 26.6664, -13.0761



55.4970, 16.5170, 22.3661

Triad

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



52.9100, 26.6664, -13.0761



51.4980, -21.9375, 36.3973



44.6870, 1.1403, -39.1905

Complementary

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



52.9100, 26.6664, -13.0761



92.0900, -26.6664, 13.0761

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.



39.8050, -11.2429, -34.0320



52.9100, 26.6664, -13.0761



51.7640, -25.5197, 18.6240

Square

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



52.9100, 26.6664, -13.0761



49.9350, -7.8560, 46.5380



48.6860, -24.0022, -1.4786



47.9930, 13.8075, -42.0899

Rectangle

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



52.9100, 26.6664, -13.0761



52.7610, 9.4848, 37.9206



48.6860, -24.0022, -1.4786



42.9600, -2.9383, -37.6759

Sweetspot

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



52.9100, 26.6664, -13.0761



119.3120, 10.1992, -4.6586



84.8870, 4.4927, -41.1199



58.5850, 6.1206, -3.1440



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



52.9100, 26.6664, -13.0761



55.4650, 41.6758, -20.5788



52.4440, 26.8961, 6.6266



49.2710, 2.3314, -1.1147



25.0780, 45.3175, -21.9934



53.1710, 94.5717, -46.6310

Inverse Universe

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



59.9990, -4.9295, 41.2199



66.4580, -7.6208, 64.4963



92.5560, -26.8961, -6.6266



49.9080, -0.4476, 3.5887



37.2630, -8.5107, 69.9293



78.1570, -17.3324, 146.3213

Previews

White Background



This preview shows how the YUV color 52.9100, 26.6664, -13.0761 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 52.9100, 26.6664, -13.0761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

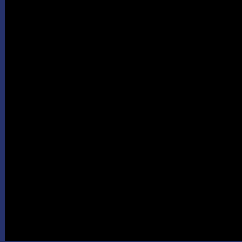
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.9100, 26.6664, -13.0761

Background



This preview shows how black text looks on a background with the YUV color 52.9100, 26.6664, -13.0761.



This preview shows how white text looks on a background with the YUV color 52.9100, 26.6664,

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

52.9100, 26.6664, -13.0761

Protanopia

47.8370, 30.6464, -29.6750

Deuteranopia

43.9300, 26.1635, -38.5266



Tritanopia

45.6200, 9.5543, -31.2387

Trichromacy



Original Color

52.9100, 26.6664, -13.0761

Protanomaly

49.8270, 29.1723, -23.5273

Deuteranomaly

47.3980, 26.4258, -29.2900

Tritanomaly

47.9720, 15.7898, -24.5314

Monochromacy



Original Color

52.9100, 26.6664, -13.0761

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

53.1980, 9.7624, -4.5586

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.9100, 26.6664, -13.0761 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(38, 50, 107)` looks like.

```
.text, #text, p{  
    color:rgb(38, 50, 107)  
}
```

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(38, 50, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 50, 107) }
```

Border

The CSS property to change the border of an element to YUV 52.9100, 26.6664, -13.0761 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(38, 50, 107) }
```


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

```
.border{ border-color:rgb(38, 50, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 50, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 50, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 50, 107);  
box-shadow:4px 4px 4px 4px rgb(38, 50,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 52.9100, 26.6664, -13.0761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 50, 107) }
```

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

```
.background{ background-color: rgb(38, 50,  
107) }
```

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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