

Converting Colors

YUV(56.0820, 52.7106,
-13.2269)

Have a look what the booklet for
YUV(56.0820, 52.7106, -13.2269)
contains.

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Color

**YUV(56.0820, 52.7106,
-13.2269)**

Conversions

Conversions Part 1

Format	Color
Hex	292BA3
RGB	41, 43, 163
RGB Percent	16%, 17%, 64%
CMY	0.8392, 0.8314, 0.3608
CMYK	0.75, 0.74, 0.00, 0.36
HSL	239°, 60%, 40%
HSV	239°, 75%, 64%
XYZ	8.3892, 4.8435, 35.1431
YIQ	56.0820, -39.7120, 36.8960

Conversions

Conversions Part 2

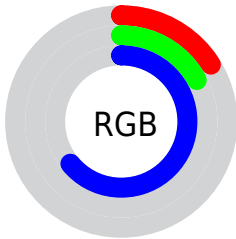
Format	Color
R_{YB}	41, 43, 163
Decimal	2698147
CIE _{Lab}	26.28, 40.36, -64.29
CIE _{LCh}	26, 75.906, 302.121
Yxy	4.8435, 0.1734, 0.1001
Android (android.graphics.Color)	4280888227 (0xFF292BA3)
YUV	56.0820, 52.7106, -13.2269
Hunter-Lab	22.0080, 29.5281, -79.2706

Details

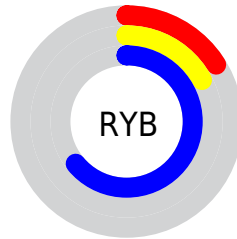
The YUV color **56.0820, 52.7106, -13.2269** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **147.9180, -52.7106, 13.2269**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.4900, 53.9884, -3.0607**, and **13.7140, 47.4690, -12.0272** is the 20% darker color. If you saturate the color by 10%, you get **41.9060, 59.6993, -14.8266**, and if you desaturate by 10%, it is **70.2580, 45.7218, -11.6273**.

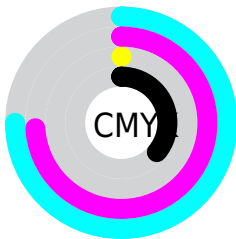
Distribution



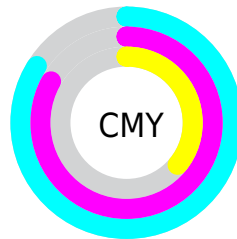
- Red (16%)
- Green (17%)
- Blue (64%)



- Red (16%)
- Yellow (17%)
- Blue (64%)



- Cyan (75%)
- Magenta (74%)
- Yellow (0%)
- Black (36%)



- Cyan (84%)
- Magenta (83%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 56.0820, 52.7106, -13.2269 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 56.0820, 52.7106, -13.2269 by changing the saturation by 10% instead.

■ 56.0820, 52.7106,
-13.2269

■ 56.0820, 52.7106,
-13.2269

■ 255.0000, 0.0000,
0.0000

■ 27.8310, 53.3273,
-24.4078

■ 109.4900, 53.9884,
-3.0607

■ 13.7140, 47.4690,
-12.0272

■ 136.4410, 54.9986,
-0.3868

■ 9.6900, 37.1278,
-8.4981

■ 161.1720, 46.2572,
3.3572

■ 10.3620, 24.4715,
-9.0875

■ 185.1050, 34.4582,
7.8009

■ 5.5060, 16.0195,
-4.8288

■ 210.5110, 21.9331,
11.8299

■ 2.1830, 5.8258,
-1.9145

■ 235.9170, 9.4079,

■ 0.0000, 0.0000,

15.8588

0.0000

252.6520, 1.1576,
2.0592

56.0820, 52.7106,
-13.2269

56.0820, 52.7106,
-13.2269

41.9060, 59.6993,
-14.8266

70.2580, 45.7218,
-11.6273

27.4310, 66.8355,
-17.0410

84.7330, 38.5856,
-9.4128

20.3430, 70.3299,
-17.8408

98.9090, 31.5969,
-7.8132

113.0850, 24.6081,
-6.2135

127.2610, 17.6193,
-4.6139

■ 141.7360, 10.4832,
-2.3995

■ 155.9120, 3.4944,
-0.7998

■ 170.0880, -3.4944,
0.7998

■ 184.5630,
-10.6306, 3.0142

Harmonies

Analogous

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



62.4250, 58.9505, -54.7467



56.0820, 52.7106, -13.2269



52.0230, 32.5267, 67.5088

Triad

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



56.0820, 52.7106, -13.2269



54.0660, -26.6545, 56.0701



55.5440, 4.6618, -48.7121

Complementary

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



56.0820, 52.7106, -13.2269



147.9180, -52.7106, 13.2269

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.



46.9600, -23.1513, -41.1839



56.0820, 52.7106, -13.2269



58.5200, -28.8504, 13.5760

Square

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



56.0820, 52.7106, -13.2269



43.9530, -21.6688, 90.3722



44.0250, -21.7043, -38.6099



62.8570, 30.1435, -55.1256

Rectangle

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



56.0820, 52.7106, -13.2269



53.9700, 12.8328, 84.2183



44.0250, -21.7043, -38.6099



52.6770, -3.7848, -46.1977

Sweetspot

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



56.0820, 52.7106, -13.2269



170.9450, 20.2401, -5.2138



126.2940, 17.1101, -74.8028



82.7790, 11.9410, -3.3142



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



56.0820, 52.7106, -13.2269



44.5350, 82.5602, -20.6402



72.5490, 44.5923, 24.0745



74.6130, 3.6418, -1.4146



17.7040, 62.7569, -15.5264



2.0520, 7.8624, -1.7996

Inverse Universe

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



77.7060, -17.1101, 74.8028



78.4510, -26.8443, 117.1225



131.4510, -44.5923, -24.0745



75.8050, -0.8899, 5.4330



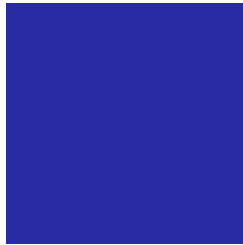
43.5830, -20.5004, 88.9427



5.3820, -2.6533, 11.0660

Previews

White Background



This preview shows how the YUV color 56.0820, 52.7106, -13.2269 looks on a white background.

Color Contrast Check

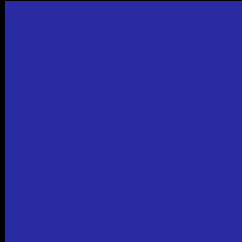
Large Text (above 18pt) WCAG AA ✓ Pass

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 56.0820, 52.7106, -13.2269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

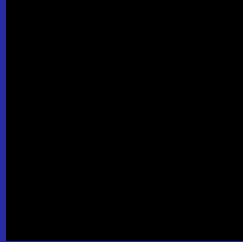
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 56.0820, 52.7106, -13.2269

Background



This preview shows how black text looks on a background with the YUV color 56.0820, 52.7106, -13.2269.



This preview shows how white text looks on a background with the YUV color 56.0820, 52.7106,

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

56.0820, 52.7106, -13.2269

Protanopia

49.6980, 38.1099, -43.5851

Deuteranopia

49.8800, 28.6532, -43.7448



Tritanopia

48.8250, 11.9183, -42.8195

Trichromacy



Original Color

56.0820, 52.7106, -13.2269

Protanomaly

52.1430, 43.3135, -32.5744

Deuteranomaly

51.9490, 37.4931, -32.4043

Tritanomaly

51.7890, 26.7260, -32.2640

Monochromacy



Original Color

56.0820, 52.7106, -13.2269

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

56.0160, 19.2191, -4.3990

CSS Examples

Text

The CSS property to change the color of the text to YUV 56.0820, 52.7106, -13.2269 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(41, 43, 163)` looks like.

```
.text, #text, p{  
    color:rgb(41, 43, 163)  
}
```

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(41, 43, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 43, 163) }
```

Border

The CSS property to change the border of an element to YUV 56.0820, 52.7106, -13.2269 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(41, 43, 163) }
```


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

```
.border{ border-color:rgb(41, 43, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 43, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 43, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 43, 163);  
box-shadow:4px 4px 4px 4px rgb(41, 43,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 56.0820, 52.7106, -13.2269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 43, 163) }
```

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

```
.background{ background-color: rgb(41, 43,  
163) }
```

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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