

Converting Colors

YUV(56.0480, 54.2063,
-26.3521)

Have a look what the booklet for
YUV(56.0480, 54.2063, -26.3521)
contains.

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Color

**YUV(56.0480, 54.2063,
-26.3521)**

Conversions

Conversions Part 1

Format	Color
Hex	1A32A6
RGB	26, 50, 166
RGB Percent	10%, 20%, 65%
CMY	0.8980, 0.8039, 0.3490
CMYK	0.84, 0.70, 0.00, 0.35
HSL	230°, 73%, 38%
HSV	230°, 84%, 65%
XYZ	8.4495, 5.2540, 36.6452
YIQ	56.0480, -51.5400, 30.9880

Conversions

Conversions Part 2

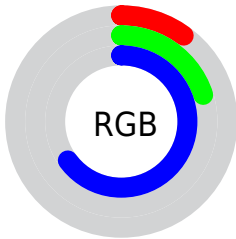
Format	Color
R_{YB}	26, 46, 166
Decimal	1716902
CIE _{Lab}	27.45, 35.88, -64.21
CIE _{LCh}	27, 73.556, 299.198
Yxy	5.2540, 0.1678, 0.1044
Android (android.graphics.Color)	4279906982 (0xFF1A32A6)
YUV	56.0480, 54.2063, -26.3521
Hunter-Lab	22.9216, 25.6873, -78.7429

Details

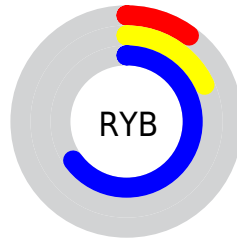
The YUV color **56.0480, 54.2063, -26.3521** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **135.9520, -54.2063, 26.3521**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.5490, 54.4523, -11.8825**, and **18.7520, 46.4643, -16.4455** is the 20% darker color. If you saturate the color by 10%, you get **42.7470, 60.7637, -29.5961**, and if you desaturate by 10%, it is **69.3490, 47.6489, -23.1081**.

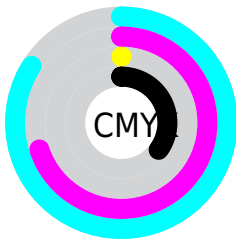
Distribution



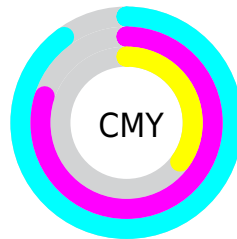
- Red (10%)
- Green (20%)
- Blue (65%)



- Red (10%)
- Yellow (18%)
- Blue (65%)



- Cyan (84%)
- Magenta (70%)
- Yellow (0%)
- Black (35%)



- Cyan (90%)
- Magenta (80%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 56.0480, 54.2063, -26.3521 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 56.0480, 54.2063, -26.3521 by changing the saturation by 10% instead.

■ 56.0480, 54.2063,
-26.3521

■ 56.0480, 54.2063,
-26.3521

■ 255.0000, 0.0000,
0.0000

■ 32.8690, 52.3226,
-28.8261

■ 111.5490, 54.4523,
-11.8825

■ 18.7520, 46.4643,
-16.4455

■ 137.9130, 55.7519,
-8.6937

■ 9.9180, 38.0014,
-8.6981

■ 162.6010, 45.5527,
-4.0351

■ 10.7040, 25.7819,
-9.3874

■ 187.4200, 33.3169,
0.5087

■ 6.3210, 16.6037,
-5.5435

■ 211.9400, 21.2286,
4.4376

■ 2.6390, 7.5730,
-2.3144

■ 238.2320, 8.2666,

■ 0.0000, 0.0000,

8.5665

0.0000

■ 56.0480, 54.2063,
-26.3521

■ 56.0480, 54.2063,
-26.3521

■ 42.7470, 60.7637,
-29.5961

■ 69.3490, 47.6489,
-23.1081

■ 35.3600, 64.4055,
-31.0107

■ 82.3510, 41.2390,
-20.4788

■ 95.0650, 34.9710,
-16.7200

■ 108.0670, 28.5610,
-14.0908

■ 121.3680, 22.0036,
-10.8467

■ 134.6690, 15.4462,
-7.6027

■ 147.0840, 9.3256,
-4.4587

■ 160.3850, 2.7682,
-1.2146

■ 173.3870, -3.6418,
1.4146

Harmonies

Analogous

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



64.6590, 57.3561, -56.7059



56.0480, 54.2063, -26.3521



51.8100, 35.5897, 65.0646

Triad

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



56.0480, 54.2063, -26.3521



55.5610, -27.3916, 59.1440



56.9630, 2.4832, -49.9566

Complementary

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



56.0480, 54.2063, -26.3521



135.9520, -54.2063, 26.3521

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.



48.1340, -23.7301, -42.2135



56.0480, 54.2063, -26.3521



61.4990, -30.3190, 17.9794

Square

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



56.0480, 54.2063, -26.3521



46.4460, -15.9959, 90.8169



49.0970, -24.2048, -29.9031



64.0480, 27.0913, -56.1701

Rectangle

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



56.0480, 54.2063, -26.3521



54.5830, 16.4746, 82.8037



49.0970, -24.2048, -29.9031



54.0960, -5.9633, -47.4422

Sweetspot

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



56.0480, 54.2063, -26.3521



174.4390, 20.9826, -10.0320



121.1760, 9.2802, -83.4694



83.6970, 12.9674, -5.8733



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



56.0480, 54.2063, -26.3521



46.4570, 84.0777, -40.7428



55.1160, 54.6658, 13.0533



77.4990, 3.2050, -1.3146



31.5470, 57.4113, -27.6667



4.0410, 7.8678, -3.5440

Inverse Universe

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



70.5960, -10.1538, 83.6693



69.1010, -15.8258, 129.7074



136.8840, -54.6658, -13.0533



78.5060, -0.7425, 4.8182



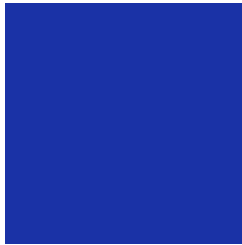
47.1020, -10.8963, 88.4875



6.3220, -1.6377, 11.9956

Previews

White Background



This preview shows how the YUV color 56.0480, 54.2063, -26.3521 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 56.0480, 54.2063, -26.3521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

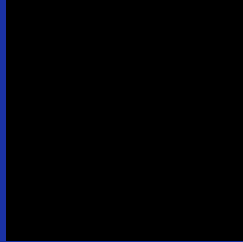
Any Text WCAG AA × Fail

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 56.0480, 54.2063, -26.3521 Background



This preview shows how black text looks on a background with the YUV color 56.0480, 54.2063, -26.3521.



This preview shows how white text looks on a background with the YUV color 56.0480, 54.2063, -26.3521.

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

56.0480, 54.2063, -26.3521

Deuteranopia

52.0970, 29.5322, -45.6891

Tritanopia

50.9280, 12.3605, -44.6639

Trichromacy



Original Color

56.0480, 54.2063, -26.3521

Deuteranomaly

53.5460, 38.6778, -39.0668

Tritanomaly

52.6850, 27.7633, -38.3117

Monochromacy



Original Color

56.0480, 54.2063, -26.3521

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

56.0970, 19.6722, -9.7321

CSS Examples

Text

The CSS property to change the color of the text to YUV 56.0480, 54.2063, -26.3521 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(26, 50, 166)` looks like.

```
.text, #text, p{  
    color:rgb(26, 50, 166)  
}
```

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(26, 50, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 50, 166) }
```

Border

The CSS property to change the border of an element to YUV 56.0480, 54.2063, -26.3521 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(26, 50, 166) }
```

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

```
.border{ border-color:rgb(26, 50, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 50, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 50, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 50, 166);  
box-shadow:4px 4px 4px 4px rgb(26, 50,  
166) }
```


Background

The CSS property to change the background color of an element to YUV 56.0480, 54.2063, -26.3521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 50, 166) }
```

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

```
.background{ background-color: rgb(26, 50,  
166) }
```

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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