

Converting Colors

YUV(56.8880, 23.2262,
-29.7198)

Have a look what the booklet for
YUV(56.8880, 23.2262, -29.7198)
contains.

YUV(56.8880, 23.2262, -29.7198)	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(56.8880, 23.2262,
-29.7198)**

Conversions

Conversions Part 1

Format	Color
Hex	174168
RGB	23, 65, 104
RGB Percent	9%, 25%, 41%
CMY	0.9098, 0.7451, 0.5922
CMYK	0.78, 0.38, 0.00, 0.59
HSL	209°, 64%, 25%
HSV	209°, 78%, 41%
XYZ	4.7423, 4.9622, 13.8046
YIQ	56.8880, -37.5510, 3.2250

Conversions

Conversions Part 2

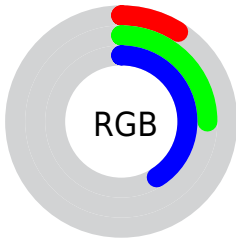
Format	Color
R_{YB}	23, 51, 104
Decimal	1524072
CIE _{Lab}	26.63, 0.34, -26.98
CIE _{LCh}	27, 26.981, 270.713
Yxy	4.9622, 0.2017, 0.2111
Android (android.graphics.Color)	4279714152 (0xFF174168)
YUV	56.8880, 23.2262, -29.7198
Hunter-Lab	22.2761, -0.9823, -21.1490

Details

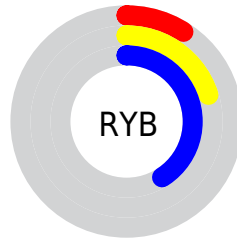
The YUV color **56.8880, 23.2262, -29.7198** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **70.1120, -23.2262, 29.7198**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.6220, 23.3574, -25.1015**, and **19.9990, 18.2415, -17.5391** is the 20% darker color. If you saturate the color by 10%, you get **50.9630, 26.1472, -33.2936**, and if you desaturate by 10%, it is **62.8130, 20.3052, -26.1460**.

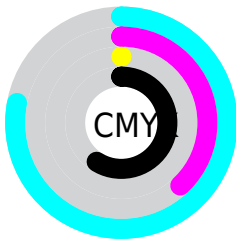
Distribution



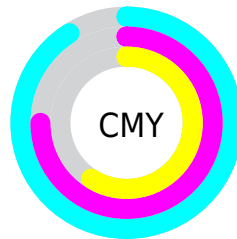
- Red (9%)
- Green (25%)
- Blue (41%)



- Red (9%)
- Yellow (20%)
- Blue (41%)



- Cyan (78%)
- Magenta (38%)
- Yellow (0%)
- Black (59%)



- Cyan (91%)
- Magenta (75%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 56.8880, 23.2262, -29.7198 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 56.8880, 23.2262, -29.7198 by changing the saturation by 10% instead.

■ 56.8880, 23.2262,
-29.7198

■ 56.8880, 23.2262,
-29.7198

■ 255.0000, 0.0000,
0.0000

■ 34.3610, 22.5000,
-30.1346

■ 107.6220, 23.3574,
-25.1015

■ 19.9990, 18.2415,
-17.5391

■ 133.1490, 24.0835,
-24.6867

■ 5.1640, 14.7091,
-4.5288

■ 159.6760, 24.8097,
-24.2719

■ 1.1400, 4.3680,
-0.9998

■ 186.9040, 25.6833,
-24.4718

■ 0.0000, 0.0000,
0.0000

■ 213.5360, 20.4418,
-23.2721

■ 238.6430, 8.0640,

-19.8579

252.0100, 1.4741,
-6.1478

56.8880, 23.2262,
-29.7198

56.8880, 23.2262,
-29.7198

50.9630, 26.1472,
-33.2936

62.8130, 20.3052,
-26.1460

44.7390, 29.2157,
-37.4821

69.0370, 17.2368,
-21.9574

43.5540, 29.7999,
-38.1969

74.9620, 14.3157,
-18.3837

81.1860, 11.2473,
-14.1951

87.1110, 8.3263,
-10.6213

■ 93.0360, 5.4053,
-7.0476

■ 99.2600, 2.3368,
-2.8590

■ 105.1850, -0.5842,
0.7148

■ 111.4090, -3.6526,
4.9033

Harmonies

Analogous

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



52.2620, 22.5488, -45.8338



56.8880, 23.2262, -29.7198



64.0660, 16.7295, 0.8191

Triad

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



56.8880, 23.2262, -29.7198



62.9780, -9.8492, 32.4683



54.8260, -6.3232, -25.2804

Complementary

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



56.8880, 23.2262, -29.7198



70.1120, -23.2262, 29.7198

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.



58.7270, -16.1344, -5.0226



56.8880, 23.2262, -29.7198



61.9850, -17.2476, 25.4462

Square

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



56.8880, 23.2262, -29.7198



63.4970, -0.2450, 32.0131



60.8000, -20.1144, 11.5764



50.0330, 6.3927, -43.8789

Rectangle

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



56.8880, 23.2262, -29.7198



65.1880, 11.7393, 14.7441



60.8000, -20.1144, 11.5764



56.5450, -10.1287, -18.0180

Sweetspot

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



56.8880, 23.2262, -29.7198



116.9260, 8.9105, -11.3361



74.8790, -6.8423, -45.4979



58.0360, 5.4053, -7.0476



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



56.8880, 23.2262, -29.7198



62.1060, 35.9367, -46.5740



33.9950, 34.5125, -9.6426



48.3310, 1.3158, -2.0443



47.7430, 33.1577, -41.8706



101.5500, 69.2419, -89.0593

Inverse Universe

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



52.0070, 6.4055, 45.5979



54.1980, 10.2554, 70.8634



93.0050, -34.5125, 9.6426



47.8370, 0.5734, 2.7740



41.1110, 8.8193, 64.8007



86.7220, 19.3641, 136.1788

Previews

White Background



This preview shows how the YUV color 56.8880, 23.2262, -29.7198 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 56.8880, 23.2262, -29.7198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

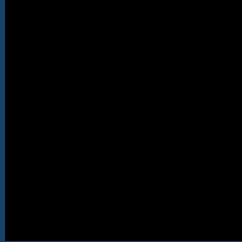
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 56.8880, 23.2262, -29.7198

Background



This preview shows how black text looks on a background with the YUV color 56.8880, 23.2262, -29.7198.



This preview shows how white text looks on a background with the YUV color 56.8880, 23.2262, -29.7198.

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

56.8880, 23.2262, -29.7198

Protanopia

62.2600, 19.0988, -12.5060

Deuteranopia

59.6010, 21.8887, -20.6981



Tritanopia

49.6400, 12.5025, -43.5343

Trichromacy



Original Color

56.8880, 23.2262, -29.7198

Protanomaly

60.2700, 20.5729, -18.6538

Deuteranomaly

58.6930, 22.3364, -24.2868

Tritanomaly

52.1120, 16.7068, -38.6862

Monochromacy



Original Color

56.8880, 23.2262, -29.7198

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

57.1110, 8.3263, -10.6213

CSS Examples

Text

The CSS property to change the color of the text to YUV 56.8880, 23.2262, -29.7198 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(23, 65, 104)` looks like.

```
.text, #text, p{  
    color:rgb(23, 65, 104)  
}
```

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(23, 65, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 65, 104) }
```

Border

The CSS property to change the border of an element to YUV 56.8880, 23.2262, -29.7198 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(23, 65, 104) }
```


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

```
.border{ border-color:rgb(23, 65, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 65, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 65, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 65, 104);  
box-shadow:4px 4px 4px 4px rgb(23, 65,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 56.8880, 23.2262, -29.7198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 65, 104) }
```

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

```
.background{ background-color: rgb(23, 65,  
104) }
```

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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