

Converting Colors

YUV(56.1180, 17.6898,
-27.2905)

Have a look what the booklet for
YUV(56.1180, 17.6898, -27.2905)
contains.

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Color

**YUV(56.1180, 17.6898,
-27.2905)**

Conversions

Conversions Part 1

Format	Color
Hex	19415C
RGB	25, 65, 92
RGB Percent	10%, 25%, 36%
CMY	0.9020, 0.7451, 0.6392
CMYK	0.73, 0.29, 0.00, 0.64
HSL	204°, 57%, 23%
HSV	204°, 73%, 36%
XYZ	4.2230, 4.7600, 10.8214
YIQ	56.1180, -32.5070, -0.0830

Conversions

Conversions Part 2

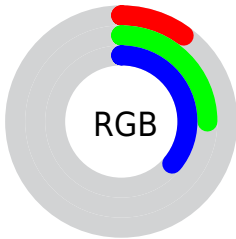
Format	Color
R _Y B	25, 50, 92
Decimal	1655132
CIE Lab	26.04, -4.11, -20.16
CIE LCh	26, 20.575, 258.464
Yxy	4.7600, 0.2132, 0.2403
Android (android.graphics.Color)	4279845212 (0xFF19415C)
YUV	56.1180, 17.6898, -27.2905
Hunter-Lab	21.8174, -3.6299, -14.1357

Details

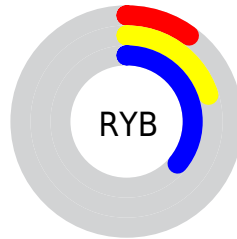
The YUV color **56.1180, 17.6898, -27.2905** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **60.8820, -17.6898, 27.2905**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.8410, 17.8264, -24.4166**, and **18.7450, 13.4367, -16.4394** is the 20% darker color. If you saturate the color by 10%, you get **51.0790, 20.1741, -30.7643**, and if you desaturate by 10%, it is **61.1570, 15.2056, -23.8167**.

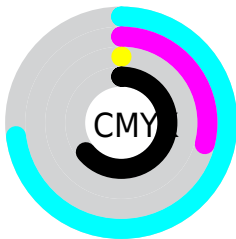
Distribution



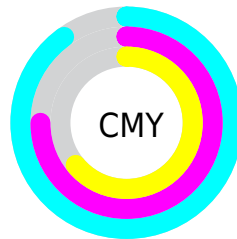
- Red (10%)
- Green (25%)
- Blue (36%)



- Red (10%)
- Yellow (20%)
- Blue (36%)



- Cyan (73%)
- Magenta (29%)
- Yellow (0%)
- Black (64%)



- Cyan (90%)
- Magenta (75%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 56.1180, 17.6898, -27.2905 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 56.1180, 17.6898, -27.2905 by changing the saturation by 10% instead.

■ 56.1180, 17.6898,
-27.2905

■ 56.1180, 17.6898,
-27.2905

■ 255.0000, 0.0000,
0.0000

■ 32.9930, 17.2585,
-28.9349

■ 105.8410, 17.8264,
-24.4166

■ 18.7450, 13.4367,
-16.4394

■ 131.0690, 18.7000,
-24.6165

■ 3.4370, 10.6306,
-3.0142

■ 157.4820, 18.9894,
-24.1017

■ 0.0000, 0.0000,
0.0000

■ 184.5960, 19.4262,
-24.2017

■ 212.4110, 20.0104,
-24.9164

■ 238.0340, 8.3642,

-22.8318

■ 250.8140, 2.0637,
-8.6069

■ 56.1180, 17.6898,
-27.2905

■ 56.1180, 17.6898,
-27.2905

■ 51.0790, 20.1741,
-30.7643

■ 61.1570, 15.2056,
-23.8167

■ 46.6270, 22.3689,
-34.7529

■ 65.6090, 13.0108,
-19.8281

■ 42.7730, 24.2689,
-37.5119

■ 70.9470, 10.3791,
-15.7395

■ 75.9860, 7.8949,
-12.2657

■ 81.0250, 5.4107,
-8.7919

■ 85.4770, 3.2158,
-4.8033

■ 90.5160, 0.7316,
-1.3295

■ 95.8540, -1.9000,
2.7590

■ 100.3060, -4.0949,
6.7476

Harmonies

Analogous

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



49.6060, 17.4492, -43.5045



56.1180, 17.6898, -27.2905



61.7400, 14.4252, -6.7880

Triad

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



56.1180, 17.6898, -27.2905



62.9000, -4.8807, 25.5207



57.0450, -8.4032, -11.4405

Complementary

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



56.1180, 17.6898, -27.2905



60.8820, -17.6898, 27.2905

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.



59.6400, -14.1195, 2.0697



56.1180, 17.6898, -27.2905



61.8690, -11.2744, 22.9169

Square

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



56.1180, 17.6898, -27.2905



63.4140, 2.2609, 21.5619



61.1900, -14.8837, 13.8654



53.3510, 0.8130, -27.4948

Rectangle

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



56.1180, 17.6898, -27.2905



63.3070, 11.1876, 4.9928



61.1900, -14.8837, 13.8654



57.9100, -10.3086, -6.9371

Sweetspot

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



56.1180, 17.6898, -27.2905



105.4700, 7.1633, -10.9362



67.4070, -7.5957, -37.1909



52.6940, 4.0949, -6.7476



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



56.1180, 17.6898, -27.2905



64.2500, 27.4847, -42.3152



36.7470, 27.2397, -10.3021



43.3310, 1.3158, -2.0443



50.6950, 29.2374, -44.4595



110.3720, 62.4276, -96.7962

Inverse Universe

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



49.5930, 7.5957, 37.1909



54.1640, 11.7511, 57.7382



80.2530, -27.2397, 10.3021



42.8370, 0.5734, 2.7740



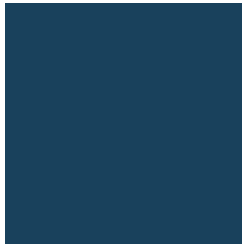
40.3000, 12.1771, 61.1269



87.0510, 27.0899, 131.5053

Previews

White Background



This preview shows how the YUV color 56.1180, 17.6898, -27.2905 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 56.1180, 17.6898, -27.2905 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 56.1180, 17.6898, -27.2905

Background



This preview shows how black text looks on a background with the YUV color 56.1180, 17.6898, -27.2905.



This preview shows how white text looks on a background with the YUV color 56.1180, 17.6898,

-27.2905.

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

56.1180, 17.6898, -27.2905

Protanopia

61.6860, 12.9728, -7.6176

Deuteranopia

60.4620, 16.0412, -11.8062



Tritanopia

49.8470, 11.9074, -39.3308

Trichromacy



Original Color

56.1180, 17.6898, -27.2905

Protanomaly

59.3970, 14.5943, -14.3802

Deuteranomaly

58.6570, 16.9311, -17.2392

Tritanomaly

52.1510, 14.2226, -35.2124

Monochromacy



Original Color

56.1180, 17.6898, -27.2905

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

55.9540, 6.4317, -9.6067

CSS Examples

Text

The CSS property to change the color of the text to YUV 56.1180, 17.6898, -27.2905 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(25, 65, 92)` looks like.

```
.text, #text, p{  
    color:rgb(25, 65, 92)  
}
```

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(25, 65, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 65, 92) }
```

Border

The CSS property to change the border of an element to YUV 56.1180, 17.6898, -27.2905 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(25, 65, 92) }
```


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

```
.border{ border-color:rgb(25, 65, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 65, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 65, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 65, 92);  
box-shadow:4px 4px 4px 4px rgb(25, 65, 92)  
}
```

Background

The CSS property to change the background color of an element to YUV 56.1180, 17.6898, -27.2905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 65, 92) }
```

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

```
.background{ background-color: rgb(25, 65,  
92) }
```

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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