

Converting Colors

YUV(53.9980, 56.6960,
-31.5702)

Have a look what the booklet for
YUV(53.9980, 56.6960, -31.5702)
contains.

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Color

**YUV(53.9980, 56.6960,
-31.5702)**

Conversions

Conversions Part 1

Format	Color
Hex	1232A9
RGB	18, 50, 169
RGB Percent	7%, 20%, 66%
CMY	0.9294, 0.8039, 0.3373
CMYK	0.89, 0.70, 0.00, 0.34
HSL	227°, 81%, 37%
HSV	227°, 89%, 66%
XYZ	8.5515, 5.2744, 38.1035
YIQ	53.9980, -57.2710, 30.2250

Conversions

Conversions Part 2

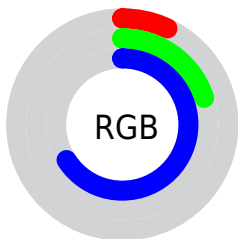
Format	Color
R _Y B	18, 44, 169
Decimal	1192617
CIE Lab	27.50, 36.54, -65.93
CIE LCh	28, 75.380, 298.991
Yxy	5.2744, 0.1647, 0.1016
Android (android.graphics.Color)	4279382697 (0xFF1232A9)
YUV	53.9980, 56.6960, -31.5702
Hunter-Lab	22.9660, 26.2747, -82.2933

Details

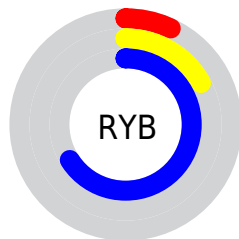
The YUV color **53.9980, 56.6960, -31.5702** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **133.0020, -56.6960, 31.5702**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.7060, 56.3469, -12.8972**, and **18.9800, 47.3379, -16.6455** is the 20% darker color. If you saturate the color by 10%, you get **41.2840, 62.9640, -35.3291**, and if you desaturate by 10%, it is **66.7120, 50.4280, -27.8114**.

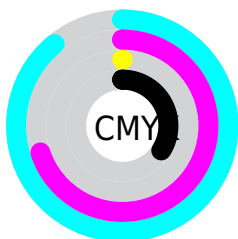
Distribution



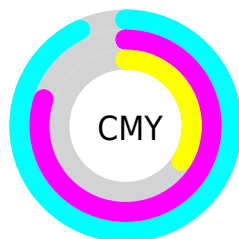
- Red (7%)
- Green (20%)
- Blue (66%)



- Red (7%)
- Yellow (17%)
- Blue (66%)



- Cyan (89%)
- Magenta (70%)
- Yellow (0%)
- Black (34%)



- Cyan (93%)
- Magenta (80%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.9980, 56.6960, -31.5702 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 53.9980, 56.6960, -31.5702 by changing the saturation by 10% instead.

■ 53.9980, 56.6960,
-31.5702

■ 53.9980, 56.6960,
-31.5702

■ 255.0000, 0.0000,
0.0000

■ 33.2110, 53.6330,
-29.1260

■ 110.7060, 56.3469,
-12.8972

■ 18.9800, 47.3379,
-16.6455

■ 138.0700, 57.6465,
-9.7084

■ 10.2600, 39.3118,
-8.9980

■ 162.0030, 45.8475,
-5.2646

■ 11.5190, 26.3661,
-10.1022

■ 186.8220, 33.6118,
-0.7209

■ 6.5490, 17.4773,
-5.7435

■ 211.6410, 21.3760,
3.8228

■ 2.9810, 8.8834,
-2.6143

■ 237.9330, 8.4140,

■ 0.0000, 0.0000,

7.9518

0.0000

■ 53.9980, 56.6960,
-31.5702

■ 53.9980, 56.6960,
-31.5702

■ 41.2840, 62.9640,
-35.3291

■ 66.7120, 50.4280,
-27.8114

■ 40.3980, 63.4008,
-35.4290

■ 80.0130, 43.8706,
-24.5674

■ 92.7270, 37.6026,
-20.8086

■ 105.4410, 31.3346,
-17.0498

■ 118.4430, 24.9246,
-14.4205

■ 131.1570, 18.6566,
-10.6617

■ 143.8710, 12.3886,
-6.9029

■ 157.1720, 5.8312,
-3.6588

■ 169.8860, -0.4368,
0.1000

Harmonies

Analogous

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



65.0010, 58.6665, -57.0059



53.9980, 56.6960, -31.5702



52.3370, 36.3159, 65.4795

Triad

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



53.9980, 56.6960, -31.5702



55.5720, -27.3970, 60.8884



56.8490, 2.0464, -49.8566

Complementary

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



53.9980, 56.6960, -31.5702



133.0020, -56.6960, 31.5702

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.



48.7210, -24.0195, -42.7283



53.9980, 56.6960, -31.5702



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.



53.9980, 56.6960, -31.5702



47.2290, -16.8749, 92.7612



48.7870, -24.0520, -32.2622



64.2760, 27.9649, -56.3701

Rectangle

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



53.9980, 56.6960, -31.5702



55.2950, 16.6166, 83.9333



48.7870, -24.0520, -32.2622



53.9820, -6.4001, -47.3422

Sweetspot

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



53.9980, 56.6960, -31.5702



174.3570, 22.0090, -12.5911



120.0890, 7.8441, -89.5321



83.0990, 13.2622, -7.1028



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.



53.9980, 56.6960, -31.5702



51.9680, 82.3468, -45.5759



48.0710, 59.6180, 11.3387



78.0860, 2.9156, -1.8294



35.0690, 55.6750, -30.7555



4.6280, 7.5784, -4.0588

Inverse Universe

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



66.7970, -8.2809, 89.6320



70.7250, -12.1894, 130.0372



138.9290, -59.6180, -11.3387



78.6200, -0.3057, 4.7183



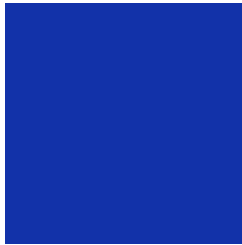
47.7860, -8.2755, 87.8877



6.4360, -1.2009, 11.8956

Previews

White Background



This preview shows how the YUV color 53.9980, 56.6960, -31.5702 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 53.9980, 56.6960, -31.5702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

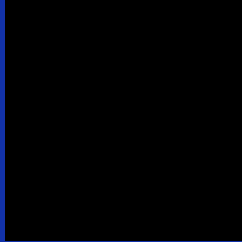
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 53.9980, 56.6960, -31.5702

Background



This preview shows how black text looks on a background with the YUV color 53.9980, 56.6960, -31.5702.



This preview shows how white text looks on a background with the YUV color 53.9980, 56.6960,

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

53.9980, 56.6960, -31.5702

Protanopia

52.0290, 39.4257, -45.6294

Deuteranopia

52.2110, 29.9690, -45.7890



Tritanopia

50.9280, 12.3605, -44.6639

Trichromacy



Original Color

53.9980, 56.6960, -31.5702

Protanomaly

52.6690, 45.5192, -40.0517

Deuteranomaly

53.0620, 39.4094, -40.3964

Tritanomaly

52.2010, 28.4949, -39.6413

Monochromacy



Original Color

53.9980, 56.6960, -31.5702

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

54.3140, 20.5512, -11.6764

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.9980, 56.6960, -31.5702 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(18, 50, 169)` looks like.

```
.text, #text, p{  
    color:rgb(18, 50, 169)  
}
```

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(18, 50, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 50, 169) }
```

Border

The CSS property to change the border of an element to YUV 53.9980, 56.6960, -31.5702 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(18, 50, 169) }
```


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

```
.border{ border-color:rgb(18, 50, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 50, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 50, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 50, 169);  
box-shadow:4px 4px 4px 4px rgb(18, 50,  
169) }
```

Background

The CSS property to change the background color of an element to YUV 53.9980, 56.6960, -31.5702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 50, 169) }
```

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

```
.background{ background-color: rgb(18, 50,  
169) }
```

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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