

Converting Colors

YUV(55.2140, 42.2925,
-31.7597)

Have a look what the booklet for
YUV(55.2140, 42.2925, -31.7597)
contains.

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Color

**YUV(55.2140, 42.2925,
-31.7597)**

Conversions

Conversions Part 1

Format	Color
Hex	13398D
RGB	19, 57, 141
RGB Percent	7%, 22%, 55%
CMY	0.9255, 0.7765, 0.4471
CMYK	0.87, 0.60, 0.00, 0.45
HSL	221°, 76%, 31%
HSV	221°, 87%, 55%
XYZ	6.5394, 4.9878, 25.8174
YIQ	55.2140, -49.6120, 18.0680

Conversions

Conversions Part 2

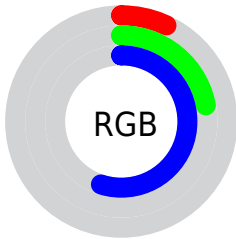
Format	Color
R _Y B	19, 48, 141
Decimal	1259917
CIE Lab	26.70, 20.83, -50.17
CIE LCh	27, 54.321, 292.549
Yxy	4.9878, 0.1751, 0.1336
Android (android.graphics.Color)	4279449997 (0xFF13398D)
YUV	55.2140, 42.2925, -31.7597
Hunter-Lab	22.3334, 13.1830, -52.9059

Details

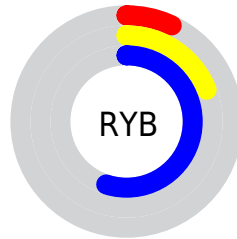
The YUV color **55.2140, 42.2925, -31.7597** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **104.7860, -42.2925, 31.7597**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.7040, 42.5439, -19.0344**, and **20.2390, 34.3922, -17.7496** is the 20% darker color. If you saturate the color by 10%, you get **45.1580, 47.2501, -35.2186**, and if you desaturate by 10%, it is **65.2700, 37.3349, -28.3008**.

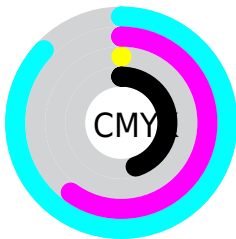
Distribution



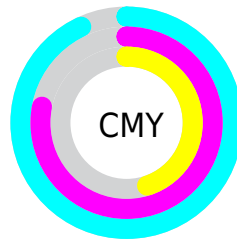
- Red (7%)
- Green (22%)
- Blue (55%)



- Red (7%)
- Yellow (19%)
- Blue (55%)



- Cyan (87%)
- Magenta (60%)
- Yellow (0%)
- Black (45%)



- Cyan (93%)
- Magenta (78%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.2140, 42.2925, -31.7597 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 55.2140, 42.2925, -31.7597 by changing the saturation by 10% instead.

■ 55.2140, 42.2925,
-31.7597

■ 55.2140, 42.2925,
-31.7597

■ 255.0000, 0.0000,
0.0000

■ 34.2420, 39.8137,
-30.0302

■ 108.7040, 42.5439,
-19.0344

■ 20.2390, 34.3922,
-17.7496

■ 135.3560, 43.7015,
-16.9752

■ 8.6980, 28.2499,
-7.6281

■ 162.2960, 44.7171,
-16.0456

■ 6.6630, 17.9141,
-5.8435

■ 187.0440, 33.5023,
-12.3166

■ 2.9810, 8.8834,
-2.6143

■ 212.1510, 21.1246,
-8.9024

■ 0.0000, 0.0000,
0.0000

■ 237.2580, 8.7468,

-5.4883

■ 55.2140, 42.2925,
-31.7597

■ 55.2140, 42.2925,
-31.7597

■ 45.1580, 47.2501,
-35.2186

■ 65.2700, 37.3349,
-28.3008

■ 41.9020, 48.8553,
-36.7481

■ 74.7390, 32.6667,
-24.3271

■ 84.7950, 27.7091,
-20.8682

■ 94.8510, 22.7515,
-17.4093

■ 104.9070, 17.7938,
-13.9504

■ 114.6750, 12.9782,
-9.3620

■ 124.7310, 8.0206,
-5.9031

■ 134.7870, 3.0630,
-2.4442

■ 144.2560, -1.6052,
1.5295

Harmonies

Analogous

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



59.0220, 43.3732, -51.7623



55.2140, 42.2925, -31.7597



61.3920, 25.9357, 34.7362

Triad

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



55.2140, 42.2925, -31.7597



56.4030, -27.8067, 52.2666



52.1870, -0.5852, -45.7680

Complementary

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



55.2140, 42.2925, -31.7597



104.7860, -42.2925, 31.7597

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.



45.4270, -21.4095, -39.8395



55.2140, 42.2925, -31.7597



60.0590, -29.6091, 23.6273

Square

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



55.2140, 42.2925, -31.7597



43.4580, -4.1698, 77.6513



55.7410, -27.4803, -5.9119



57.6760, 17.9077, -50.5819

Rectangle

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



55.2140, 42.2925, -31.7597



48.6840, 19.8758, 65.1751



55.7410, -27.4803, -5.9119



50.4770, -7.1372, -44.2683

Sweetspot

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



55.2140, 42.2925, -31.7597



150.2770, 16.6254, -12.5209



100.0760, 0.9485, -71.1037



71.5890, 10.0626, -7.5326



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



55.2140, 42.2925, -31.7597



54.4350, 63.8755, -47.7395



39.4860, 50.0464, 1.3278



65.9720, 2.4788, -1.7294



40.0440, 46.8133, -35.1186



2.0860, 2.9156, -1.8294

Inverse Universe

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



59.8100, -1.3853, 71.2036



61.5140, -2.2254, 107.4202



120.5140, -50.0464, -1.3278



66.3210, -0.1583, 4.1035



45.1530, -1.5544, 78.7958



2.6200, -0.3057, 4.7183

Previews

White Background



This preview shows how the YUV color 55.2140, 42.2925, -31.7597 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 55.2140, 42.2925, -31.7597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

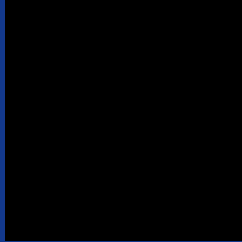
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.2140, 42.2925, -31.7597

Background



This preview shows how black text looks on a background with the YUV color 55.2140, 42.2925, -31.7597.



This preview shows how white text looks on a background with the YUV color 55.2140, 42.2925,

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

55.2140, 42.2925, -31.7597

Protanopia

50.5130, 38.6941, -44.2999

Deuteranopia

50.8090, 29.6742, -44.5595



Tritanopia

49.6400, 12.5025, -43.5343

Trichromacy



Original Color

55.2140, 42.2925, -31.7597

Protanomaly

52.4750, 39.6988, -39.8816

Deuteranomaly

52.3950, 34.3153, -39.8114

Tritanomaly

51.5340, 23.4007, -39.0563

Monochromacy



Original Color

55.2140, 42.2925, -31.7597

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

55.2340, 15.1676, -11.6062

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.2140, 42.2925, -31.7597 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(19, 57, 141)` looks like.

```
.text, #text, p{  
    color:rgb(19, 57, 141)  
}
```

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(19, 57, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 57, 141) }
```

Border

The CSS property to change the border of an element to YUV 55.2140, 42.2925, -31.7597 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(19, 57, 141) }
```


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

```
.border{ border-color:rgb(19, 57, 141) }
```

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

Here you see how a box with a 4 pixel rgb(19, 57, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 57, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 57, 141);  
box-shadow:4px 4px 4px 4px rgb(19, 57,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 55.2140, 42.2925, -31.7597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 57, 141) }
```

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

```
.background{ background-color: rgb(19, 57,  
141) }
```

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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