

Converting Colors

YUV(56.1120, 40.3708,
-22.0232)

Have a look what the booklet for
YUV(56.1120, 40.3708, -22.0232)
contains.

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Color

**YUV(56.1120, 40.3708,
-22.0232)**

Conversions

Conversions Part 1

Format	Color
Hex	1F358A
RGB	31, 53, 138
RGB Percent	12%, 21%, 54%
CMY	0.8784, 0.7922, 0.4588
CMYK	0.78, 0.62, 0.00, 0.46
HSL	228°, 63%, 33%
HSV	228°, 78%, 54%
XYZ	6.4256, 4.6725, 24.6080
YIQ	56.1120, -40.3970, 21.7710

Conversions

Conversions Part 2

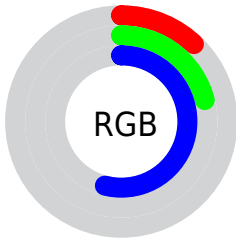
Format	Color
R_{YB}	31, 49, 138
Decimal	2045322
CIE _{Lab}	25.78, 23.60, -49.79
CIE _{LCh}	26, 55.098, 295.359
Yxy	4.6725, 0.1800, 0.1309
Android (android.graphics.Color)	4280235402 (0xFF1F358A)
YUV	56.1120, 40.3708, -22.0232
Hunter-Lab	21.6159, 15.2336, -52.3656

Details

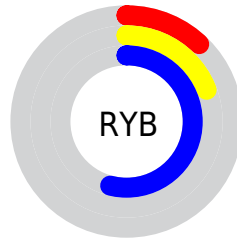
The YUV color **56.1120, 40.3708, -22.0232** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **112.8880, -40.3708, 22.0232**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.8080, 41.5067, -12.9866**, and **16.9620, 34.5287, -14.8757** is the 20% darker color. If you saturate the color by 10%, you get **45.4690, 45.6178, -24.9673**, and if you desaturate by 10%, it is **66.7550, 35.1238, -19.0791**.

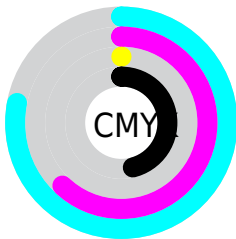
Distribution



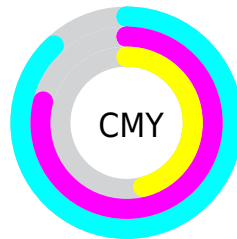
- Red (12%)
- Green (21%)
- Blue (54%)



- Red (12%)
- Yellow (19%)
- Blue (54%)



- Cyan (78%)
- Magenta (62%)
- Yellow (0%)
- Black (46%)



- Cyan (88%)
- Magenta (79%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 56.1120, 40.3708, -22.0232 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 56.1120, 40.3708, -22.0232 by changing the saturation by 10% instead.

■ 56.1120, 40.3708,
-22.0232

■ 56.1120, 40.3708,
-22.0232

■ 255.0000, 0.0000,
0.0000

■ 31.5520, 39.6609,
-27.6711

■ 107.8080, 41.5067,
-12.9866

■ 16.9620, 34.5287,
-14.8757

■ 134.0470, 42.3748,
-11.4422

■ 8.3560, 26.9395,
-7.3282

■ 160.9870, 43.3904,
-10.5126

■ 6.3210, 16.6037,
-5.5435

■ 186.1910, 33.9228,
-7.1835

■ 2.6390, 7.5730,
-2.3144

■ 210.4120, 21.9819,
-3.8693

■ 0.0000, 0.0000,
0.0000

■ 235.8180, 9.4567,

0.1596

■ 56.1120, 40.3708,
-22.0232

■ 56.1120, 40.3708,
-22.0232

■ 45.4690, 45.6178,
-24.9673

■ 66.7550, 35.1238,
-19.0791

■ 34.8260, 50.8648,
-27.9114

■ 77.3980, 29.8768,
-16.1350

■ 32.1680, 52.1752,
-28.2113

■ 87.7420, 24.7772,
-13.8057

■ 98.3850, 19.5302,
-10.8616

■ 109.0280, 14.2832,
-7.9176

■ 119.6710, 9.0362,
-4.9735

■ 130.3140, 3.7892,
-2.0294

■ 140.6580, -1.3104,
0.2999

■ 151.3010, -6.5574,
3.2440

Harmonies

Analogous

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



57.1470, 43.8045, -50.1179



56.1120, 40.3708, -22.0232



57.8980, 25.1933, 39.5545

Triad

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



56.1120, 40.3708, -22.0232



54.6200, -26.9277, 50.3223



51.2410, 0.8672, -44.9384

Complementary

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



56.1120, 40.3708, -22.0232



112.8880, -40.3708, 22.0232

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.



44.4810, -19.9571, -39.0098



56.1120, 40.3708, -22.0232



57.6780, -28.4353, 20.4534

Square

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



56.1120, 40.3708, -22.0232



41.8770, -6.3484, 76.4069



52.7620, -26.0117, -10.3153



56.7300, 19.3601, -49.7522

Rectangle

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



56.1120, 40.3708, -22.0232



46.2390, 18.1232, 67.3194



52.7620, -26.0117, -10.3153



49.5310, -5.6848, -43.4387

Sweetspot

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



56.1120, 40.3708, -22.0232



147.0710, 15.7410, -8.8323



103.3850, 5.7262, -63.4816



69.7850, 9.4730, -5.0734



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



56.1120, 40.3708, -22.0232



51.5830, 62.8166, -34.7143



52.1680, 42.3152, 7.7457



63.3850, 2.7682, -1.2146



31.0110, 50.2806, -27.1966



1.1570, 1.8946, -1.0147

Inverse Universe

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



65.5010, -6.1630, 63.5816



65.9230, -9.3290, 99.1685



116.8320, -42.3152, -7.7457



64.2070, -0.5951, 4.2035



42.8450, -7.8116, 79.0659



1.6090, -0.3002, 2.9739

Previews

White Background



This preview shows how the YUV color 56.1120, 40.3708, -22.0232 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 56.1120, 40.3708, -22.0232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

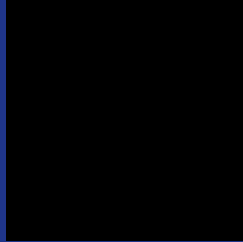
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 56.1120, 40.3708, -22.0232

Background



This preview shows how black text looks on a background with the YUV color 56.1120, 40.3708, -22.0232.



This preview shows how white text looks on a background with the YUV color 56.1120, 40.3708, -22.0232.

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

56.1120, 40.3708, -22.0232

Protanopia

48.8830, 37.5257, -42.8704

Deuteranopia

49.1790, 28.5058, -43.1300



Tritanopia

48.1240, 11.7709, -42.2047

Trichromacy



Original Color

56.1120, 40.3708, -22.0232

Protanomaly

51.5680, 38.6670, -35.5781

Deuteranomaly

51.3740, 32.8466, -35.4080

Tritanomaly

51.2140, 22.0795, -35.2677

Monochromacy



Original Color

56.1120, 40.3708, -22.0232

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

56.1420, 14.7200, -8.0175

CSS Examples

Text

The CSS property to change the color of the text to YUV 56.1120, 40.3708, -22.0232 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(31, 53, 138)` looks like.

```
.text, #text, p{  
    color:rgb(31, 53, 138)  
}
```

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(31, 53, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 53, 138) }
```

Border

The CSS property to change the border of an element to YUV 56.1120, 40.3708, -22.0232 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(31, 53, 138) }
```


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

```
.border{ border-color:rgb(31, 53, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 53, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 53, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 53, 138);  
box-shadow:4px 4px 4px 4px rgb(31, 53,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 56.1120, 40.3708, -22.0232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 53, 138) }
```

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

```
.background{ background-color: rgb(31, 53,  
138) }
```

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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