

Converting Colors

YUV(63.4440, 56.9691,
-25.8224)

Have a look what the booklet for
YUV(63.4440, 56.9691, -25.8224)
contains.

YUV(63.4440, 56.9691, -25.8224)	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(63.4440, 56.9691,
-25.8224)**

Conversions

Conversions Part 1

Format	Color
Hex	2238B3
RGB	34, 56, 179
RGB Percent	13%, 22%, 70%
CMY	0.8667, 0.7804, 0.2980
CMYK	0.81, 0.69, 0.00, 0.30
HSL	231°, 68%, 42%
HSV	231°, 81%, 70%
XYZ	10.2105, 6.4231, 43.3495
YIQ	63.4440, -52.5950, 33.5890

Conversions

Conversions Part 2

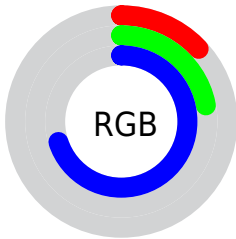
Format	Color
R _Y B	34, 53, 179
Decimal	2242739
CIE Lab	30.46, 37.45, -67.03
CIE LCh	30, 76.785, 299.189
Yxy	6.4231, 0.1702, 0.1071
Android (android.graphics.Color)	4280432819 (0xFF2238B3)
YUV	63.4440, 56.9691, -25.8224
Hunter-Lab	25.3438, 27.5625, -83.6721




Details

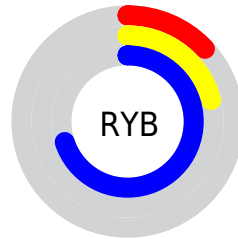
The YUV color **63.4440, 56.9691, -25.8224** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **149.5560, -56.9691, 25.8224**, and the grayscale version is **63.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **118.7600, 57.7993, -12.0675**, and **23.0550, 50.2589, -20.2192** is the 20% darker color. If you saturate the color by 10%, you get **49.2570, 63.9633, -29.1664**, and if you desaturate by 10%, it is **77.6310, 49.9749, -22.4784**.

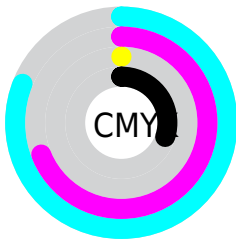
Distribution







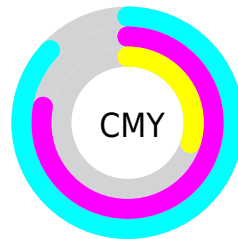
-  Red (13%)
-  Green (22%)
-  Blue (70%)






-  Red (13%)
-  Yellow (21%)
-  Blue (70%)



-  Cyan (81%)
-  Magenta (69%)
-  Yellow (0%)
-  Black (30%)



-  Cyan (87%)
-  Magenta (78%)
-  Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.4440, 56.9691, -25.8224 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 63.4440, 56.9691, -25.8224 by changing the saturation by 10% instead.

■ 63.4440, 56.9691,
-25.8224

■ 63.4440, 56.9691,
-25.8224

■ 255.0000, 0.0000,
0.0000

■ 37.2860, 56.5540,
-32.6998

■ 118.7600, 57.7993,
-12.0675

■ 23.0550, 50.2589,
-20.2192

■ 144.5710, 54.4415,
-8.3938

■ 11.2860, 43.2430,
-9.8978

■ 168.8030, 42.4951,
-3.3352

■ 13.7190, 29.7185,
-12.0316

■ 193.6220, 30.2594,
1.2085

■ 8.1620, 21.1191,
-7.1581

■ 219.0280, 17.7342,
5.2374

■ 4.4800, 12.0884,
-3.9290

■ 244.4340, 5.2090,

■ 0.0000, 0.0000,

9.2664

0.0000

■ 63.4440, 56.9691,
-25.8224

■ 63.4440, 56.9691,
-25.8224

■ 49.2570, 63.9633,
-29.1664

■ 77.6310, 49.9749,
-22.4784

■ 36.2550, 70.3733,
-31.7956

■ 91.8180, 42.9807,
-19.1344

■ 106.5920, 35.6971,
-16.3052

■ 120.7790, 28.7030,
-12.9612

■ 134.6670, 21.8562,
-10.2320

■ 148.8540, 14.8620,
-6.8880

■ 163.0410, 7.8678,
-3.5440

■ 177.2280, 0.8736,
-0.2000

■ 192.0020, -6.4100,
2.6292

Harmonies

Analogous

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



70.3640, 61.4455, -61.7092



63.4440, 56.9691, -25.8224



56.2390, 38.3362, 70.8274

Triad

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



63.4440, 56.9691, -25.8224



62.3720, -30.7494, 62.8178



62.3430, 2.7889, -54.6748

Complementary

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



63.4440, 56.9691, -25.8224



149.5560, -56.9691, 25.8224

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.



52.8300, -26.0452, -46.3319



63.4440, 56.9691, -25.8224



67.4130, -33.2346, 19.8088

Square

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



63.4440, 56.9691, -25.8224



50.7890, -16.1650, 98.4090



55.5870, -27.4044, -30.3328



69.9980, 29.5810, -61.3882

Rectangle

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



63.4440, 56.9691, -25.8224



59.3820, 18.0527, 89.9960



55.5870, -27.4044, -30.3328



59.3620, -6.0945, -52.0605

Sweetspot

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



63.4440, 56.9691, -25.8224



187.6670, 21.8562, -10.2320



132.9090, 10.8909, -86.7432



89.8110, 13.4042, -5.9732



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



63.4440, 56.9691, -25.8224



52.6080, 88.4403, -39.9982



64.8820, 56.2602, 15.0125



82.2000, 3.3524, -1.9294



30.9430, 60.1741, -27.1370



5.3120, 10.1992, -4.6586

Inverse Universe

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



79.8630, -11.7645, 86.9431



78.1510, -18.3154, 134.9256



148.1180, -56.2602, -15.0125



82.9190, -0.4531, 5.3330



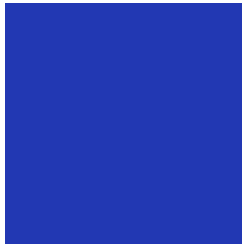
48.3690, -12.5069, 91.7614



8.2300, -2.0854, 15.5843

Previews

White Background



This preview shows how the YUV color 63.4440, 56.9691, -25.8224 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 63.4440, 56.9691, -25.8224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

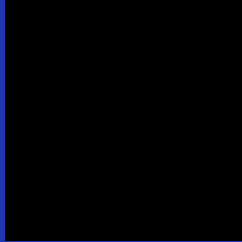
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.4440, 56.9691, -25.8224

Background



This preview shows how black text looks on a background with the YUV color 63.4440, 56.9691, -25.8224.



This preview shows how white text looks on a background with the YUV color 63.4440, 56.9691, -25.8224.

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

63.4440, 56.9691, -25.8224

Protanopia

57.0330, 43.3677, -50.0179

Deuteranopia

57.5740, 32.7480, -50.4924



Tritanopia

55.9490, 13.8291, -49.0673

Trichromacy



Original Color

63.4440, 56.9691, -25.8224

Protanomaly

59.0540, 48.2874, -41.2664

Deuteranomaly

59.3330, 41.7408, -41.5110

Tritanomaly

58.8310, 29.6633, -41.0708

Monochromacy



Original Color

63.4440, 56.9691, -25.8224

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.7380, 20.8352, -9.4172

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.4440, 56.9691, -25.8224 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(34, 56, 179)` looks like.

```
.text, #text, p{  
    color:rgb(34, 56, 179)  
}
```

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(34, 56, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 56, 179) }
```

Border

The CSS property to change the border of an element to YUV 63.4440, 56.9691, -25.8224 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(34, 56, 179) }
```


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

```
.border{ border-color:rgb(34, 56, 179) }
```

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

Here you see how a box with a 4 pixel rgb(34, 56, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 56, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 56, 179);  
box-shadow:4px 4px 4px 4px rgb(34, 56,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 63.4440, 56.9691, -25.8224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 56, 179) }
```

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

```
.background{ background-color: rgb(34, 56,  
179) }
```

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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