

Converting Colors

YUV(63.6410, 71.6620,
-25.1182)

Have a look what the booklet for
YUV(63.6410, 71.6620, -25.1182)
contains.

YUV(63.6410, 71.6620, -25.1182)	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(63.6410, 71.6620,
-25.1182)**

Conversions

Conversions Part 1

Format	Color
Hex	2332D1
RGB	35, 50, 209
RGB Percent	14%, 20%, 82%
CMY	0.8627, 0.8039, 0.1804
CMYK	0.83, 0.76, 0.00, 0.18
HSL	235°, 71%, 48%
HSV	235°, 83%, 82%
XYZ	13.3424, 7.2420, 61.0162
YIQ	63.6410, -59.9790, 46.2690

Conversions

Conversions Part 2

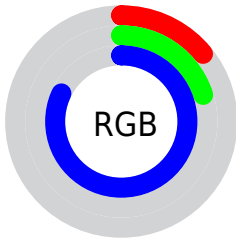
Format	Color
R_{YB}	35, 49, 209
Decimal	2306769
CIE _{Lab}	32.35, 51.45, -81.52
CIE _{LCh}	32, 96.399, 302.254
Yxy	7.2420, 0.1635, 0.0887
Android (android.graphics.Color)	4280496849 (0xFF2332D1)
YUV	63.6410, 71.6620, -25.1182
Hunter-Lab	26.9109, 41.4057, -115.5930

Details

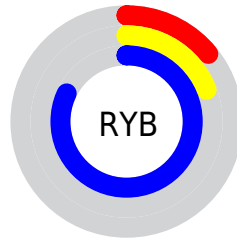
The YUV color **63.6410, 71.6620, -25.1182** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **180.3590, -71.6620, 25.1182**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.6820, 66.2188, -5.8601**, and **19.7900, 65.6725, -17.3558** is the 20% darker color. If you saturate the color by 10%, you get **46.2090, 80.2560, -28.2473**, and if you desaturate by 10%, it is **81.0730, 63.0680, -21.9890**.

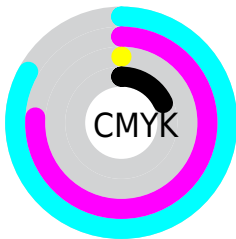
Distribution



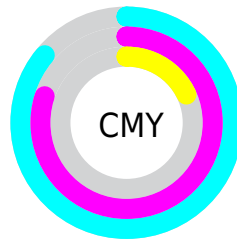
- Red (14%)
- Green (20%)
- Blue (82%)



- Red (14%)
- Yellow (19%)
- Blue (82%)



- Cyan (83%)
- Magenta (76%)
- Yellow (0%)
- Black (18%)



- Cyan (86%)
- Magenta (80%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.6410, 71.6620, -25.1182 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 63.6410, 71.6620, -25.1182 by changing the saturation by 10% instead.

■ 63.6410, 71.6620,
-25.1182

■ 63.6410, 71.6620,
-25.1182

■ 255.0000, 0.0000,
0.0000

■ 36.4830, 71.2469,
-31.9956

■ 120.6820, 66.2188,
-5.8601

■ 19.7900, 65.6725,
-17.3558

■ 145.5120, 53.9776,
0.4280

■ 14.3640, 55.0365,
-12.5972

■ 170.3420, 41.7364,
6.7161

■ 12.5740, 43.1010,
-11.0274

■ 195.4600, 29.3532,
11.8746

■ 13.8330, 30.1553,
-12.1315

■ 221.1650, 16.6807,
16.5183

■ 8.1620, 21.1191,
-7.1581

■ 242.6730, 6.0772,

■ 4.4800, 12.0884,

10.8108

-3.9290

■ 0.0000, 0.0000,
0.0000

■ 63.6410, 71.6620,
-25.1182

■ 63.6410, 71.6620,
-25.1182

■ 46.2090, 80.2560,
-28.2473

■ 81.0730, 63.0680,
-21.9890

■ 34.3920, 86.0817,
-30.1618

■ 98.5050, 54.4740,
-18.8599

■ 115.9370, 45.8801,
-15.7307

■ 133.3690, 37.2861,
-12.6016

■ 150.5020, 28.8395,
-10.0873

■ 168.5210, 19.9561,
-7.4729

■ 185.9530, 11.3622,
-4.3438

■ 203.3850, 2.7682,
-1.2146

■ 220.8170, -5.8258,
1.9145

Harmonies

Analogous

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



78.3320, 76.7443, -68.6972



63.6410, 71.6620, -25.1182



66.0220, 40.9082, 85.9267

Triad

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



63.6410, 71.6620, -25.1182



63.6120, -31.3607, 72.2543



68.4070, 5.7153, -59.9929

Complementary

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



63.6410, 71.6620, -25.1182



180.3590, -71.6620, 25.1182

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.



57.5260, -28.3603, -50.4503



63.6410, 71.6620, -25.1182



71.2230, -35.1129, 15.5904

Square

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



63.6410, 71.6620, -25.1182



55.3150, -27.2703, 113.7337



54.0040, -26.6240, -47.3615



78.3590, 38.7700, -68.7208

Rectangle

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



63.6410, 71.6620, -25.1182



68.3950, 15.0883, 107.5246



54.0040, -26.6240, -47.3615



64.7420, -5.7888, -56.7787

Sweetspot

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



63.6410, 71.6620, -25.1182



201.8180, 26.2187, -9.4874



155.0360, 18.2233, -105.2716



95.7940, 15.8776, -5.9583



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



63.6410, 71.6620, -25.1182



41.9840, 105.0169, -36.8200



75.7660, 65.6844, 25.6382



95.8410, 4.5154, -1.6146



27.9570, 69.0412, -24.5183



7.0220, 16.7512, -6.1583

Inverse Universe

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



88.7360, -19.0968, 105.4715



78.7530, -27.9792, 154.5686



168.2340, -65.6844, -25.6382



97.4030, -1.1847, 6.6626



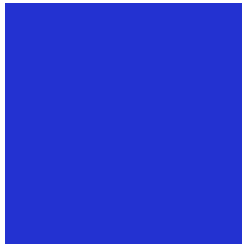
51.9420, -18.2124, 101.7829



12.7150, -4.2965, 24.8059

Previews

White Background



This preview shows how the YUV color 63.6410, 71.6620, -25.1182 looks on a white background.

Color Contrast Check

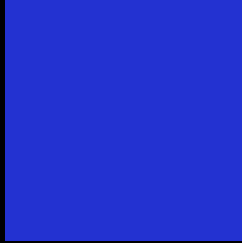
Large Text (above 18pt) WCAG AA ✓ Pass

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 63.6410, 71.6620, -25.1182 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 63.6410, 71.6620, -25.1182

Background



This preview shows how black text looks on a background with the YUV color 63.6410, 71.6620, -25.1182.



This preview shows how white text looks on a background with the YUV color 63.6410, 71.6620,

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

63.6410, 71.6620, -25.1182

Protanopia

60.4070, 46.1413, -52.9769

Deuteranopia

60.7200, 34.6480, -53.2514



Tritanopia

59.4540, 14.5662, -52.1412

Trichromacy



Original Color

63.6410, 71.6620, -25.1182

Protanomaly

61.8780, 55.2761, -42.8660

Deuteranomaly

61.9290, 47.8560, -42.9107

Tritanomaly

61.3130, 35.3417, -42.3705

Monochromacy



Original Color

63.6410, 71.6620, -25.1182

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

63.8180, 26.2187, -9.4874

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.6410, 71.6620, -25.1182 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(35, 50, 209)` looks like.

```
.text, #text, p{  
    color:rgb(35, 50, 209)  
}
```

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(35, 50, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 50, 209) }
```

Border

The CSS property to change the border of an element to YUV 63.6410, 71.6620, -25.1182 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(35, 50, 209) }
```


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

```
.border{ border-color:rgb(35, 50, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 50, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 50, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 50, 209);  
box-shadow:4px 4px 4px 4px rgb(35, 50,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 63.6410, 71.6620, -25.1182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 50, 209) }
```

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

```
.background{ background-color: rgb(35, 50,  
209) }
```

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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