

Converting Colors

YUV(35.6100, 1.6713, 24.0210)

Have a look what the booklet for
YUV(35.6100, 1.6713, 24.0210)
contains.

YUV(35.6100, 1.6713, 24.0210)	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(35.6100, 1.6713,
24.0210)**

Conversions

Conversions Part 1

Format	Color
Hex	3F1527
RGB	63, 21, 39
RGB Percent	25%, 8%, 15%
CMY	0.7529, 0.9176, 0.8471
CMYK	0.00, 0.67, 0.38, 0.75
HSL	334°, 50%, 16%
HSV	334°, 67%, 25%
XYZ	2.6843, 1.7396, 2.1138
YIQ	35.6100, 19.2540, 14.5020

Conversions

Conversions Part 2

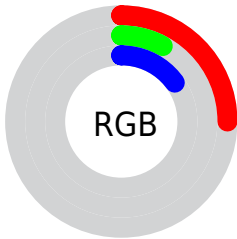
Format	Color
RYB	63, 21, 39
Decimal	4134183
CIELab	14.06, 22.71, -1.93
CIElCh	14, 22.793, 355.142
Yxy	1.7396, 0.4106, 0.2661
Android (android.graphics.Color)	4282324263 (0xFF3F1527)
YUV	35.6100, 1.6713, 24.0210
Hunter-Lab	13.1893, 13.2469, -0.2695

Details

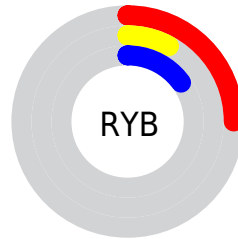
The YUV color **35.6100, 1.6713, 24.0210** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **48.3900, -1.6713, -24.0210**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **82.1050, 0.9342, 27.0949**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **31.6320, 1.6604, 27.5097**, and if you desaturate by 10%, it is **39.5880, 1.6821, 20.5323**.

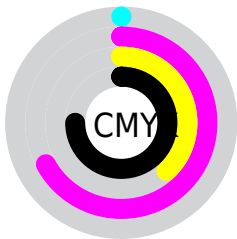
Distribution



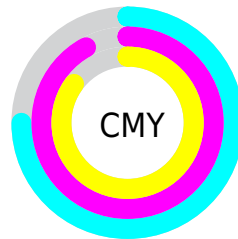
- Red (25%)
- Green (8%)
- Blue (15%)



- Red (25%)
- Yellow (8%)
- Blue (15%)



- Cyan (0%)
- Magenta (67%)
- Yellow (38%)
- Black (75%)



- Cyan (75%)
- Magenta (92%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 35.6100, 1.6713, 24.0210 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 35.6100, 1.6713, 24.0210 by changing the saturation by 10% instead.

■ 35.6100, 1.6713,
24.0210

■ 35.6100, 1.6713,
24.0210

■ 253.2390, 0.8682,
1.5444

■ 14.3110, 1.8187,
23.4063

■ 82.1050, 0.9342,
27.0949

■ 0.0000, 0.0000,
0.0000

■ 106.7030, 0.6394,
28.3245

■ 132.3010, 0.3446,
29.5540

■ 158.6000, 0.1972,
30.1688

■ 185.3120, 0.3392,
31.2984

■ 213.6110, 0.1918,

31.9132

■ 234.7340, 3.5821,
17.7733

■ 35.6100, 1.6713,
24.0210

■ 35.6100, 1.6713,
24.0210

■ 31.6320, 1.6604,
27.5097

■ 39.5880, 1.6821,
20.5323

■ 27.1810, 2.3758,
31.4133

■ 44.0390, 0.9668,
16.6288

■ 23.2030, 2.3649,
34.9020

■ 48.0170, 0.9776,
13.1401

■ 21.9150, 2.5069,
36.0315

■ 51.8810, 0.5517,
9.7514

■ 56.4460, 0.2731,
5.7479

■ 60.4240, 0.2840,
2.2592

■ 64.2880, -0.1420,
-1.1296

■ 68.2660, -0.1311,
-4.6183

■ 72.7170, -0.8465,
-8.5218

Harmonies

Analogous

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



37.2650, 8.2504, 13.7996



35.6100, 1.6713, 24.0210



34.6720, -5.7543, 25.7207

Triad

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



35.6100, 1.6713, 24.0210



32.4610, -16.0033, -0.4043



31.7220, 14.9271, -27.8202

Complementary

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



35.6100, 1.6713, 24.0210



48.3900, -1.6713, -24.0210

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.



30.8270, 8.9593, -27.0353



35.6100, 1.6713, 24.0210



29.4680, -6.6397, -17.0734

Square

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



35.6100, 1.6713, 24.0210



34.0110, -16.7674, 11.3914



29.0030, 1.9705, -25.4356



29.9440, 18.2686, -26.2609

Rectangle

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



35.6100, 1.6713, 24.0210



34.8690, -11.2744, 22.9169



29.0030, 1.9705, -25.4356



31.2660, 13.1799, -27.4203

Sweetspot

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



35.6100, 1.6713, 24.0210



70.8810, 0.5517, 9.7514



32.9640, 14.8077, 10.5556



34.4460, 0.2731, 5.7479



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



35.6100, 1.6713, 24.0210



38.9260, 2.5015, 37.7759



35.3190, -7.0593, 24.2762



29.0110, -0.0054, 1.7444



32.6660, 3.6157, 53.7899



77.2080, 8.7715, 126.9826

Inverse Universe

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



35.6100, 1.6713, 24.0210



38.9260, 2.5015, 37.7759



48.6810, 7.0593, -24.2762



29.0110, -0.0054, 1.7444



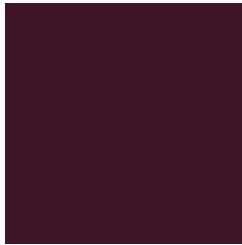
32.6660, 3.6157, 53.7899



77.2080, 8.7715, 126.9826

Previews

White Background



This preview shows how the YUV color 35.6100, 1.6713, 24.0210 looks on a white background.

Color Contrast Check

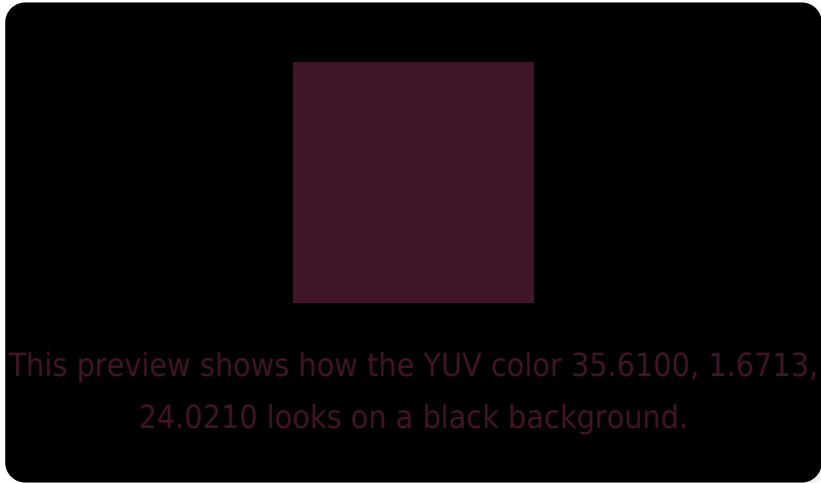
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

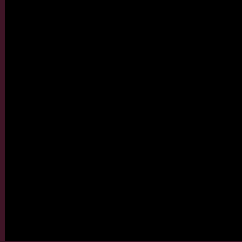
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 35.6100, 1.6713, 24.0210

Background



This preview shows how black text looks on a background with the YUV color 35.6100, 1.6713, 24.0210.



This preview shows how white text looks on a background with the YUV color 35.6100, 1.6713,

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

35.6100, 1.6713, 24.0210

Protanopia

37.4710, 5.6838, -3.0441

Deuteranopia

37.6090, -0.3002, 2.9739



Tritanopia

35.5900, -4.7279, 23.1616

Trichromacy



Original Color

35.6100, 1.6713, 24.0210

Protanomaly

36.7820, 4.0515, 7.2072

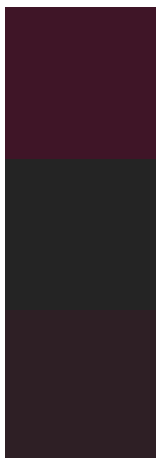
Deuteranomaly

37.1800, 0.4043, 10.3661

Tritanomaly

35.5730, -2.2545, 23.1765

Monochromacy



Original Color

35.6100, 1.6713, 24.0210

Achromatopsia

36.0000, 0.0000, 0.0000

Achromatomaly

36.1690, 0.4097, 8.6218

CSS Examples

Text

The CSS property to change the color of the text to YUV 35.6100, 1.6713, 24.0210 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(63, 21, 39)` looks like.

```
.text, #text, p{  
    color:rgb(63, 21, 39)  
}
```

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(63, 21, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 21, 39) }
```

Border

The CSS property to change the border of an element to YUV 35.6100, 1.6713, 24.0210 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(63, 21, 39) }
```


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

```
.border{ border-color:rgb(63, 21, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 21, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 21, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 21, 39);  
box-shadow:4px 4px 4px 4px rgb(63, 21, 39)  
}
```

Background

The CSS property to change the background color of an element to YUV 35.6100, 1.6713, 24.0210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 21, 39) }
```

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

```
.background{ background-color: rgb(63, 21,  
39) }
```

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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