

Converting Colors

YUV(111.7450, -23.0453,
65.1216)

Have a look what the booklet for
YUV(111.7450, -23.0453, 65.1216)
contains.

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Color

**YUV(111.7450, -23.0453,
65.1216)**

Conversions

Conversions Part 1

Format	Color
Hex	BA5341
RGB	186, 83, 65
RGB Percent	73%, 33%, 25%
CMY	0.2706, 0.6745, 0.7451
CMYK	0.00, 0.55, 0.65, 0.27
HSL	9°, 48%, 49%
HSV	9°, 65%, 73%
XYZ	24.2971, 17.0073, 7.0032
YIQ	111.7450, 67.1660, 16.2380

Conversions

Conversions Part 2

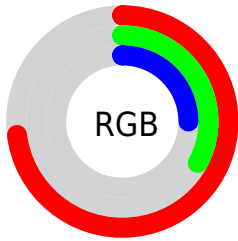
Format	Color
R_{YB}	186, 86, 65
Decimal	12211009
CIE _{Lab}	48.27, 40.31, 30.68
CIE _{LCh}	48, 50.652, 37.275
Yxy	17.0073, 0.5030, 0.3521
Android (android.graphics.Color)	4290401089 (0xFFBA5341)
YUV	111.7450, -23.0453, 65.1216
Hunter-Lab	41.2399, 32.9962, 18.7996

Details

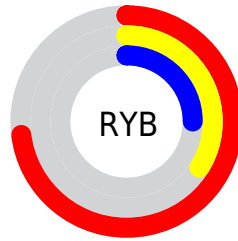
The YUV color **111.7450, -23.0453, 65.1216** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **139.2550, 23.0453, -65.1216**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.9800, -26.1191, 71.0545**, and **58.5640, -18.5191, 60.0184** is the 20% darker color. If you saturate the color by 10%, you get **100.1870, -26.7142, 75.2580**, and if you desaturate by 10%, it is **123.3030, -19.3764, 54.9853**.

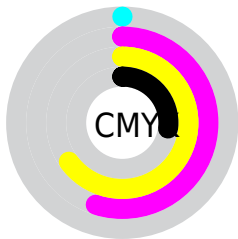
Distribution



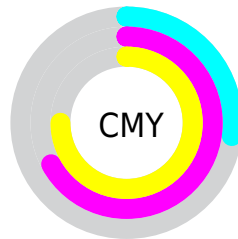
- Red (73%)
- Green (33%)
- Blue (25%)



- Red (73%)
- Yellow (34%)
- Blue (25%)



- Cyan (0%)
- Magenta (55%)
- Yellow (65%)
- Black (27%)



- Cyan (27%)
- Magenta (67%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.7450, -23.0453, 65.1216 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 111.7450, -23.0453, 65.1216 by changing the saturation by 10% instead.

■ 111.7450,
-23.0453, 65.1216

■ 111.7450,
-23.0453, 65.1216

■ 255.0000, 0.0000,
0.0000

■ 84.8910, -21.1453,
62.3626

■ 165.9800,
-26.1191, 71.0545

■ 58.5640, -18.5191,
60.0184

■ 187.1850,
-23.7552, 59.4738

■ 29.6010, -14.5933,
60.8629

■ 206.5850,
-20.5014, 42.4600

■ 20.9300, -10.3185,
43.0344

■ 226.2130,
-16.3740, 25.2462

■ 13.5690, -6.1965,
27.5650

■ 246.4280,
-12.5360, 7.5176

■ 0.0000, 0.0000,
0.0000

■ 254.3160, -2.6208,

0.5999

■ 111.7450,
-23.0453, 65.1216

■ 111.7450,
-23.0453, 65.1216

■ 100.1870,
-26.7142, 75.2580

■ 123.3030,
-19.3764, 54.9853

■ 88.7430, -29.9463,
85.2944

■ 134.7470,
-16.1443, 44.9489

■ 77.7720, -33.9046,
94.9160

■ 145.7180,
-12.1860, 35.3273

■ 72.0500, -35.5206,
99.9342

■ 157.1620, -8.9539,
25.2909

■ 168.7200, -5.2850,
15.1546

■ 180.2780, -1.6161,
5.0182

■ 191.7220, 1.6161,
-5.0182

■ 203.2800, 5.2850,
-15.1546

■ 214.1370, 8.8065,
-24.6761

Harmonies

Analogous

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



112.3430, -3.1271, 69.8592



111.7450, -23.0453, 65.1216



110.7860, -38.8415, 44.9147

Triad

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



111.7450, -23.0453, 65.1216



87.1910, -3.5452, -76.4665



101.0580, 48.7784, -58.8099

Complementary

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



111.7450, -23.0453, 65.1216



139.2550, 23.0453, -65.1216

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.



97.1380, 47.2600, -85.1900



111.7450, -23.0453, 65.1216



93.3810, 15.0952, -81.8951

Square

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



111.7450, -23.0453, 65.1216



103.4420, -30.7839, -19.6816



97.4680, 33.2933, -85.4794



117.8450, 32.1214, 10.6599

Rectangle

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



111.7450, -23.0453, 65.1216



109.0690, -44.8970, 27.1265



97.4680, 33.2933, -85.4794



93.8270, 52.3433, -82.2863

Sweetspot

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



111.7450, -23.0453, 65.1216



212.4610, -9.1013, 25.9057



113.1490, 28.0275, 63.8903



104.0190, -5.4324, 15.7693



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



111.7450, -23.0453, 65.1216



125.9470, -35.9629, 101.7785



146.3780, -40.1194, 34.7485



86.2780, -1.6161, 5.0182



60.1450, -29.6515, 84.0648



10.7200, -5.2850, 15.1546

Inverse Universe

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



139.2550, 23.0453, -65.1216



169.0530, 35.9629, -101.7785



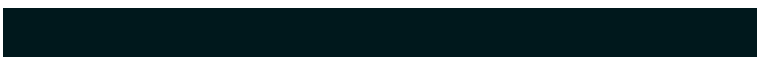
104.6220, 40.1194, -34.7485



88.1350, 1.9054, -4.5034



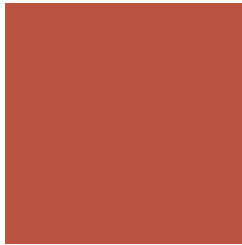
95.2680, 29.9409, -83.5500



17.2800, 5.2850, -15.1546

Previews

White Background



This preview shows how the YUV color 111.7450, -23.0453, 65.1216 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 × Fail

Black Background



This preview shows how the YUV color 111.7450, -23.0453, 65.1216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 111.7450, -23.0453, 65.1216

Background



This preview shows how black text looks on a background with the YUV color 111.7450, -23.0453, 65.1216.



This preview shows how white text looks on a background with the YUV color 111.7450, -23.0453,

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

111.7450, -23.0453, 65.1216

Protanopia

113.6580, -18.0724, 9.9469

Deuteranopia

113.5690, -26.4095, 24.0570



Tritanopia

112.6770, -13.1518, 65.1813

Trichromacy



Original Color

111.7450, -23.0453, 65.1216

Protanomaly

112.7360, -19.5898, 30.0495

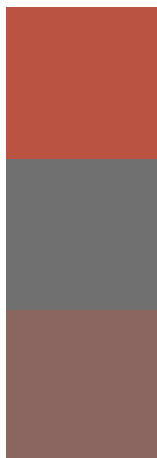
Deuteranomaly

112.7110, -25.0005, 38.8415

Tritanomaly

112.3520, -16.9355, 65.4663

Monochromacy



Original Color

111.7450, -23.0453, 65.1216

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

111.6780, -8.2223, 23.9614

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.7450, -23.0453, 65.1216 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(186, 83, 65)` looks like.

```
.text, #text, p{  
    color:rgb(186, 83, 65)  
}
```

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(186, 83, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 83, 65) }
```

Border

The CSS property to change the border of an element to YUV 111.7450, -23.0453, 65.1216 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(186, 83, 65) }
```


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

```
.border{ border-color:rgb(186, 83, 65) }
```

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

Here you see how a box with a 4 pixel rgb(186, 83, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 83, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 83, 65);  
box-shadow:4px 4px 4px 4px rgb(186, 83,  
65) }
```

Background

The CSS property to change the background color of an element to YUV 111.7450, -23.0453, 65.1216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 83, 65) }
```

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

```
.background{ background-color: rgb(186, 83,  
65) }
```

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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