

Converting Colors

YUV(113.2030, 8.7739,
-14.2100)

Have a look what the booklet for
YUV(113.2030, 8.7739, -14.2100)
contains.

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Color

**YUV(113.2030, 8.7739,
-14.2100)**

Conversions

Conversions Part 1

Format	Color
Hex	617683
RGB	97, 118, 131
RGB Percent	38%, 46%, 51%
CMY	0.6196, 0.5373, 0.4863
CMYK	0.26, 0.10, 0.00, 0.49
HSL	203°, 15%, 45%
HSV	203°, 26%, 51%
XYZ	15.5049, 17.1369, 23.9633
YIQ	113.2030, -16.6890, -0.4090

Conversions

Conversions Part 2

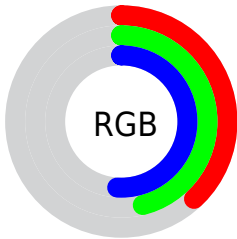
Format	Color
R_{YB}	97, 110, 131
Decimal	6387331
CIE _{Lab}	48.43, -4.52, -9.66
CIE _{LCh}	48, 10.669, 244.905
Yxy	17.1369, 0.2739, 0.3027
Android (android.graphics.Color)	4284577411 (0xFF617683)
YUV	113.2030, 8.7739, -14.2100
Hunter-Lab	41.3968, -5.5882, -5.3433

Details

The YUV color **113.2030, 8.7739, -14.2100** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **114.7970, -8.7739, 14.2100**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.0180, 9.3581, -14.9248**, and **65.0890, 8.3371, -14.1101** is the 20% darker color. If you saturate the color by 10%, you get **106.3810, 12.1372, -19.6281**, and if you desaturate by 10%, it is **120.0250, 5.4107, -8.7919**.

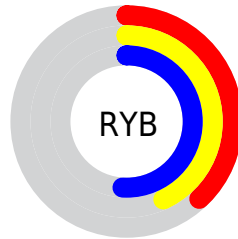
Distribution



Red (38%)

Green (46%)

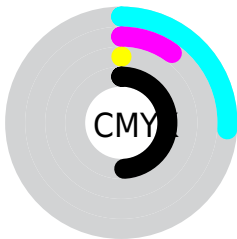
Blue (51%)



Red (38%)

Yellow (43%)

Blue (51%)

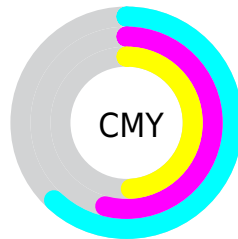


Cyan (26%)

Magenta (10%)

Yellow (0%)

Black (49%)



Cyan (62%)

Magenta (54%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.2030, 8.7739, -14.2100 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 113.2030, 8.7739, -14.2100 by changing the saturation by 10% instead.

■ 113.2030, 8.7739,
-14.2100

■ 113.2030, 8.7739,
-14.2100

■ 255.0000, 0.0000,
0.0000

■ 88.5020, 8.6265,
-13.5953

■ 165.0180, 9.3581,
-14.9248

■ 65.0890, 8.3371,
-14.1101

■ 192.1320, 9.7949,
-15.0248

■ 42.3880, 8.1897,
-13.4953

■ 220.1320, 9.7949,
-15.0248

■ 21.5620, 7.6109,
-14.5249

■ 247.2370, 3.8272,
-14.2398

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,
0.0000

■ 113.2030, 8.7739,
-14.2100

■ 113.2030, 8.7739,
-14.2100

■ 106.3810, 12.1372,
-19.6281

■ 120.0250, 5.4107,
-8.7919

■ 99.5590, 15.5004,
-25.0462

■ 126.8470, 2.0474,
-3.3738

■ 92.7370, 18.8637,
-30.4643

■ 133.6690, -1.3158,
2.0443

■ 85.9150, 22.2269,
-35.8825

■ 140.4910, -4.6791,
7.4624

■ 78.7940, 25.7376,
-41.9153

■ 147.6120, -8.1897,
13.4953

■ 71.9720, 29.1008,
-47.3334

■ 154.4340,
-11.5530, 18.9134

■ 65.1500, 32.4641,
-52.7515


■ 161.2560,
-14.9162, 24.3315

■ 62.4810, 33.7799,

■ 168.0780,

-54.7958

-18.2795, 29.7496

 174.9000,
-21.6427, 35.1677

Harmonies

Analogous

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



112.1980, 6.3114, -17.7136



113.2030, 8.7739, -14.2100



114.6600, 9.0416, -6.7178

Triad

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



113.2030, 8.7739, -14.2100



117.0450, -1.5012, 14.8695



113.8550, -6.8305, -2.5038

Complementary

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



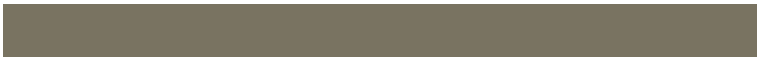
113.2030, 8.7739, -14.2100



114.7970, -8.7739, 14.2100

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.



114.7420, -8.7468, 5.4883



113.2030, 8.7739, -14.2100



116.6060, -5.7218, 15.2545

Square

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



113.2030, 8.7739, -14.2100



116.8640, 3.0250, 9.7663



115.6010, -8.1843, 11.7509



112.8370, -2.8776, -10.3810

Rectangle

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



113.2030, 8.7739, -14.2100



115.6500, 7.5675, -0.5701



115.6010, -8.1843, 11.7509



114.0510, -7.4201, -0.0447

Sweetspot

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



113.2030, 8.7739, -14.2100



163.8790, 3.5107, -6.0329



118.3260, -4.5977, -18.7029



81.9610, 2.4842, -3.4738



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



113.2030, 8.7739, -14.2100



143.4130, 13.6004, -22.2872



103.8110, 13.4042, -5.9732



63.0320, 1.4632, -2.6591



61.7800, 33.6325, -54.1811



1.5160, 0.7316, -1.3295

Inverse Universe

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



109.5600, 4.1609, 18.8029



137.6090, 6.6018, 29.2839



124.1890, -13.4042, 5.9732



62.2500, 0.8628, 3.2888



47.9900, 15.7809, 71.9228



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 113.2030, 8.7739, -14.2100 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 113.2030, 8.7739, -14.2100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

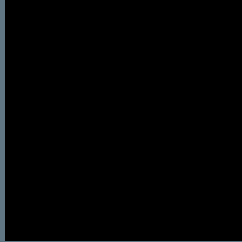
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 113.2030, 8.7739, -14.2100

Background



This preview shows how black text looks on a background with the YUV color 113.2030, 8.7739, -14.2100.



This preview shows how white text looks on a background with the YUV color 113.2030, 8.7739,

-14.2100.

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

113.2030, 8.7739, -14.2100

Protanopia

115.2970, 6.2626, -2.0145

Deuteranopia

116.0740, 7.8515, 1.6891



Tritanopia

112.5620, 7.6109, -14.5249

Trichromacy



Original Color

113.2030, 8.7739, -14.2100

Protanomaly

114.2040, 7.2944, -6.3179

Deuteranomaly

114.8560, 8.4520, -4.2587

Tritanomaly

112.6760, 8.0477, -14.6249

Monochromacy



Original Color

113.2030, 8.7739, -14.2100

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.1780, 3.3632, -5.4181

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.2030, 8.7739, -14.2100 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(97, 118, 131)` looks like.

```
.text, #text, p{  
    color:rgb(97, 118, 131)  
}
```

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(97, 118, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 118, 131) }
```

Border

The CSS property to change the border of an element to YUV 113.2030, 8.7739, -14.2100 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(97, 118, 131) }
```


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

```
.border{ border-color:rgb(97, 118, 131) }
```

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

Here you see how a box with a 4 pixel rgb(97, 118, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 118, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 118, 131);  
box-shadow:4px 4px 4px 4px rgb(97, 118,  
131) }
```

Background

The CSS property to change the background color of an element to YUV 113.2030, 8.7739, -14.2100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 118, 131) }
```

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

```
.background{ background-color: rgb(97, 118,  
131) }
```

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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