Converting Colors

YUV(230.0940, -5.9623, -0.9594)

Have a look what the booklet for YUV(230.0940, -5.9623, -0.9594) contains.

YUV(230.0940, -5.9623, -0.9594) 3
- ***Conversions*** 4
- ***Details*** 6
- ***Harmonies*** 12
- ***Previews*** 24
- ***Color Blindness Simulation*** 28
- ***CSS Examples*** 31

Color

YUV(230.0940, -5.9623, -0.9594)

Conversions

Format	Color
Hex	E5E9DA
RGB	229, 233, 218
RGB Percent	90%, 91%, 85%
CMY	0.1020, 0.0863, 0.1451
CMYK	0.02, 0.00, 0.06, 0.09
HSL	76°, 25%, 88%
HSV	76°, 6%, 91%
XYZ	74.1069, 79.9978, 77.8649
YIQ	230.0940, 2.4310, -5.5130

Conversions Part 1

Conversions

Conversions Part 2

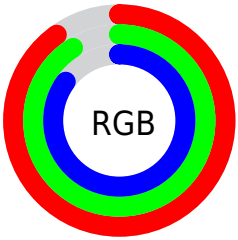
Format	Color
RYB	218, 233, 222
Decimal	15067610
CIELab	91.68, -3.96, 6.81
CIELCh	92, 7.878, 120.161
Yxy	79.9978, 0.3195, 0.3449
Android (android.graphics.Color)	4293257690 (0xFFE5E9DA)
YUV	230.0940, -5.9623, -0.9594
Hunter-Lab	89.4415, -8.6261, 10.9930

Details

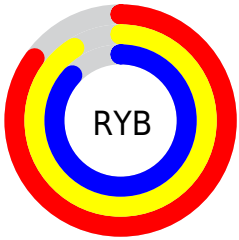
The YUV color 230.0940, -5.9623, -0.9594 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 220.9060, 5.9623, 0.9594, and the grayscale version is 230.0000, 0.0000, 0.0000.

A 20% lighter version of the original color is 255.0000, 0.0000, 0.0000, and 174.5070, -5.6730, -0.4446 is the 20% darker color. If you saturate the color by 10%, you get 225.6780, -15.1243, -2.3486, and if you desaturate by 10%, it is 234.5100, 3.1996, 0.4297.

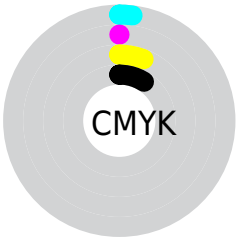
Distribution



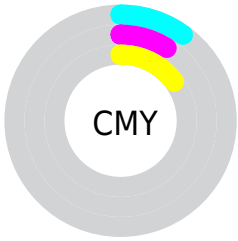
- Red (90%)
- Green (91%)
- Blue (85%)



- Red (85%)
- Yellow (91%)
- Blue (87%)



- Cyan (2%)
- Magenta (0%)
- Yellow (6%)
- Black (9%)



- Cyan (10%)
- Magenta (9%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 230.0940, -5.9623, -0.9594 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 230.0940, -5.9623, -0.9594 by changing the saturation by 10% instead.

230.0940, -5.9623, -0.9594

255.0000, 0.0000, 0.0000

230.0940, -5.9623, -0.9594

202.0940, -5.9623, -0.9594

174.5070, -5.6730, -0.4446

148.2080, -5.5255, -1.0594

122.2080, -5.5255, -1.0594

97.3220, -5.0887, -1.1594

73.7350, -4.7994, -0.6446

50.8490, -4.3626,

-0.7446

29.8490, -4.3626, -0.7446

5.2830, -2.6045, -4.6332

230.0940, -5.9623, -0.9594

230.0940, -5.9623, -0.9594

225.6780, -15.1243, -2.3486

234.5100, 3.1996, 0.4297

221.1480, -24.7230, -3.6378

237.9000, 8.4303, 2.7187

216.4330, -33.7375, -5.6417

239.9930, 7.3985, 7.0221

212.0170, -42.8994, -7.0309

241.7870, 6.5140, 10.7108

207.6010, -52.0613, -8.4201

242.0860, 6.3666, 11.3256

203.0710, -61.6600, -9.7093

198.6550, -70.8219, -11.0984

193.9400, -79.8364, -13.1024

189.4100, -89.4351, -14.3916

Harmonies

Analogous

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

231.3830, -7.5838, 5.8031

230.0940, -5.9623, -0.9594

229.4460, -3.1779, -7.4071

Triad

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

230.0940, -5.9623, -0.9594

229.7580, 7.0213, -12.0658

232.8490, -0.9116, 12.4104

Complementary

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

230.0940, -5.9623, -0.9594

220.9060, 5.9623, 0.9594

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.

232.5540, 3.1779, 7.4071

230.0940, -5.9623, -0.9594

231.2040, 7.2944, -6.3179

Square

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

230.0940, -5.9623, -0.9594

228.7640, 4.5533, -13.8250

231.9060, 5.9623, 0.9594

232.9370, -4.4059, 13.2103

Rectangle

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

230.0940, -5.9623, -0.9594

229.1080, -0.5462, -11.4957

231.9060, 5.9623, 0.9594

232.5930, 0.6937, 10.8809

Sweetspot

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

230.0940, -5.9623, -0.9594

254.1310, -2.0366, -0.1149

224.8330, -3.3687, 7.1625

127.3590, -1.1630, -0.3148

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.

230.0940, -5.9623, -0.9594

251.2250, -7.9989, -1.0743

228.0010, -4.9305, -5.2629

114.8490, -4.3626, -0.7446

146.0140, -71.9849, -11.4133

43.3590, -21.3760, -3.8228

Inverse Universe

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

220.9060, 5.9623, 0.9594

238.7750, 7.9989, 1.0743

222.9990, 4.9305, 5.2629

108.1510, 4.3626, 0.7446

34.9860, 71.9849, 11.4133

10.3420, 21.5234, 3.2081

Previews

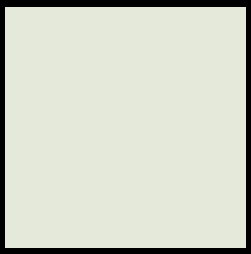
White Background

This preview shows how the YUV color 230.0940, -5.9623, -0.9594 looks on a white 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

Black Background



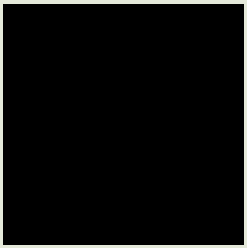
This preview shows how the YUV color 230.0940, -5.9623, -0.9594 looks on a black background.

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

If you want to check with other color combinations, try the Color Contrast Checker.

YUV 230.0940, -5.9623, -0.9594 Background



This preview shows how black text looks on a background with the YUV color 230.0940, -5.9623, -0.9594.

This preview shows how white text looks on a background with the YUV color 230.0940, -5.9623,

-0.9594.

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
230.0940, -5.9623, -0.9594

Protanopia
231.0950, -7.4418, 6.9327

Deuteranopia
232.9270, -5.8800, 19.3580

Tritanopia
232.2480, 7.2727, 0.6595

Trichromacy

Original Color
230.0940, -5.9623, -0.9594

Protanomaly
230.6000, -6.7048, 3.8588

Deuteranomaly
231.8830, -5.8583, 12.3806

Tritanomaly
231.2820, 2.3260, 0.6297

Monochromacy

Original Color
230.0940, -5.9623, -0.9594

Achromatopsia
230.0000, 0.0000, 0.0000

Achromatomaly
230.1310, -2.0366, -0.1149

CSS Examples

Text

The CSS property to change the color of the text to YUV 230.0940, -5.9623, -0.9594 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(229, 233, 218) looks like.

```
.text, #text, p{
    color:rgb(229, 233, 218)
}
```

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(229, 233, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 233, 218) }
```

Border

The CSS property to change the border of an element to YUV 230.0940, -5.9623, -0.9594 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(229, 233, 218) }
```

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

```
.border{ border-color:rgb(229, 233, 218) }
```

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

Here you see how a box with a 4 pixel rgb(229, 233, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 233, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 233, 218); box-shadow:4px 4px 4px 4px rgb(229, 233, 218) }
```

Background

The CSS property to change the background color of an element to YUV 230.0940, -5.9623, -0.9594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(229, 233, 218) }
```

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

```
.background{ background-color:rgb(229,
233, 218) }
```

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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