

Converting Colors

YUV(183.8170, 20.7962,
-43.6895)

Have a look what the booklet for
YUV(183.8170, 20.7962, -43.6895)
contains.

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Color

**YUV(183.8170, 20.7962,
-43.6895)**

Conversions

Conversions Part 1

Format	Color
Hex	86C9E2
RGB	134, 201, 226
RGB Percent	53%, 79%, 89%
CMY	0.4745, 0.2118, 0.1137
CMYK	0.41, 0.11, 0.00, 0.11
HSL	196°, 61%, 71%
HSV	196°, 41%, 89%
XYZ	44.4456, 52.3326, 79.7102
YIQ	183.8170, -47.9570, -6.4290

Conversions

Conversions Part 2

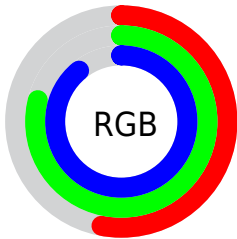
Format	Color
RYB	134, 173, 226
Decimal	8833506
CIELab	77.48, -14.84, -19.08
CIELCh	77, 24.171, 232.132
Yxy	52.3326, 0.2518, 0.2965
Android (android.graphics.Color)	4287023586 (0xFF86C9E2)
YUV	183.8170, 20.7962, -43.6895
Hunter-Lab	72.3413, -16.9289, -14.6906

Details

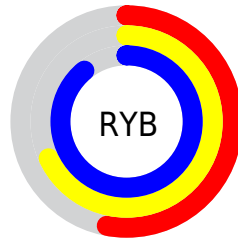
The YUV color **183.8170, 20.7962, -43.6895** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **176.1830, -20.7962, 43.6895**, and the grayscale version is **184.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.8640, 9.4340, -39.3457**, and **129.1050, 20.6542, -44.8191** is the 20% darker color. If you saturate the color by 10%, you get **173.4180, 25.9229, -54.7406**, and if you desaturate by 10%, it is **194.2160, 15.6695, -32.6384**.

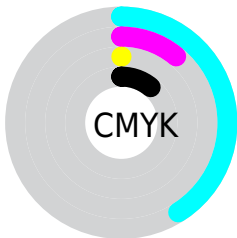
Distribution



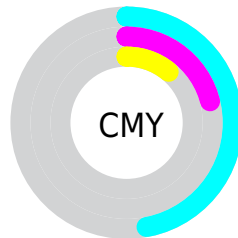
- Red (53%)
- Green (79%)
- Blue (89%)



- Red (53%)
- Yellow (68%)
- Blue (89%)



- Cyan (41%)
- Magenta (11%)
- Yellow (0%)
- Black (11%)



- Cyan (47%)
- Magenta (21%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 183.8170, 20.7962, -43.6895 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 183.8170, 20.7962, -43.6895 by changing the saturation by 10% instead.

■ 183.8170, 20.7962,
-43.6895

■ 183.8170, 20.7962,
-43.6895

255.0000, 0.0000,
0.0000

■ 156.4040, 20.5068,
-44.2043

■ 235.8640, 9.4340,
-39.3457

■ 129.1050, 20.6542,
-44.8191

■ 244.2360, 5.3067,
-22.1320

■ 102.0940, 20.6597,
-46.5634

■ 253.2060, 0.8844,
-3.6887

■ 72.7940, 22.2866,
-55.0703

■ 52.9800, 20.2229,
-46.4635

■ 37.3300, 16.1063,
-32.7384

■ 22.3810, 12.1372,

-19.6281

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 183.8170, 20.7962,
-43.6895

■ 183.8170, 20.7962,
-43.6895

■ 173.4180, 25.9229,
-54.7406

■ 194.2160, 15.6695,
-32.6384

■ 163.3180, 30.9022,
-65.1769

■ 204.3160, 10.6902,
-22.2021

■ 152.9190, 36.0289,
-76.2280

■ 214.7150, 5.5635,
-11.1511

■ 142.2320, 41.2976,
-86.1495

■ 225.4020, 0.2948,
-1.2296

■ 131.8330, 46.4243,
-97.2005

■ 235.8010, -4.8319,
9.8215

■ 122.6190, 50.9668,
-107.5369

■ 241.7150, -7.7475,
11.6509

■ 245.2370, -9.4838,
8.5622

■ 248.7590,
-11.2202, 5.4734

■ 251.6940,
-12.6671, 2.8994

Harmonies

Analogous

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



181.9170, 12.3659, -46.4082



183.8170, 20.7962, -43.6895



188.1980, 23.0734, -27.3606

Triad

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



183.8170, 20.7962, -43.6895



195.2520, 1.3548, 32.2280



188.6740, -19.0663, 2.0399

Complementary

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



183.8170, 20.7962, -43.6895



176.1830, -20.7962, 43.6895

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.



191.1000, -21.7413, 20.0833



183.8170, 20.7962, -43.6895



194.5380, -9.1392, 38.1162

Square

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



183.8170, 20.7962, -43.6895



194.9110, 11.8759, 17.6181



193.2140, -17.8535, 33.1383



185.9040, -11.2917, -18.3328

Rectangle

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



183.8170, 20.7962, -43.6895



191.2430, 21.5722, -12.4911



193.2140, -17.8535, 33.1383



189.6640, -20.5404, 8.1877

Sweetspot

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



183.8170, 20.7962, -43.6895



241.0350, 6.8847, -14.9397



190.8540, -15.7040, -49.8610



119.6830, 4.1003, -8.4920



0.0000, 0.0000, 0.0000



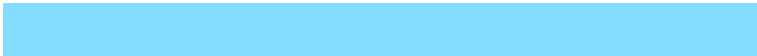
128.0000, 0.0000, 0.0000

Same Dimension

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



183.8170, 20.7962, -43.6895



197.6670, 28.2652, -59.3440



156.8150, 34.1082, -20.0088



106.9500, 2.4897, -5.2181



95.2000, 39.8344, -83.4904



26.0170, 10.8376, -22.8169

Inverse Universe

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



169.1460, 15.7040, 49.8610



177.7490, 21.3227, 67.7491



203.1850, -34.1082, 20.0088



105.2010, 1.8729, 5.9627



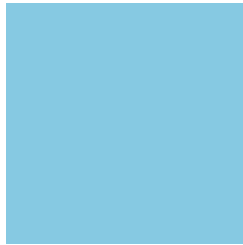
67.2160, 29.9665, 95.4036



18.3420, 8.2124, 26.0101

Previews

White Background



This preview shows how the YUV color 183.8170, 20.7962, -43.6895 looks on a white background.

Color Contrast Check

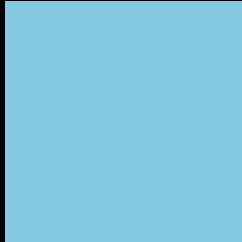
Large Text (above 18pt) WCAG AA × Fail

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 183.8170, 20.7962, -43.6895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

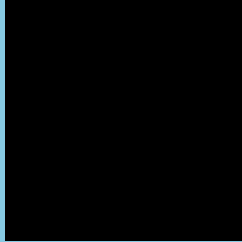
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 183.8170, 20.7962, -43.6895

Background



This preview shows how black text looks on a background with the YUV color 183.8170, 20.7962, -43.6895.



This preview shows how white text looks on a background with the YUV color 183.8170, 20.7962, -43.6895.

-43.6895.

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

183.8170, 20.7962, -43.6895

Protanopia

191.4090, 13.1094, -4.7437

Deuteranopia

192.0980, 18.1927, -1.8399



Tritanopia

183.0080, 17.7441, -44.7340

Trichromacy



Original Color

183.8170, 20.7962, -43.6895

Protanomaly

188.4180, 16.0629, -18.7836

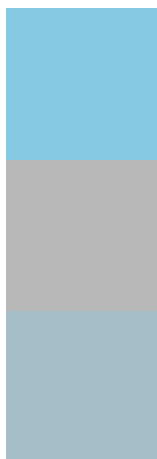
Deuteranomaly

188.9390, 19.2571, -16.6095

Tritanomaly

183.6490, 18.9070, -44.4192

Monochromacy



Original Color

183.8170, 20.7962, -43.6895

Achromatopsia

184.0000, 0.0000, 0.0000

Achromatomaly

183.8500, 7.4690, -15.6544

CSS Examples

Text

The CSS property to change the color of the text to YUV 183.8170, 20.7962, -43.6895 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(134, 201, 226)` looks like.

```
.text, #text, p{  
    color:rgb(134, 201, 226)  
}
```

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(134, 201, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 201, 226) }
```

Border

The CSS property to change the border of an element to YUV 183.8170, 20.7962, -43.6895 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(134, 201, 226) }
```


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

```
.border{ border-color:rgb(134, 201, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 201, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 201, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 201, 226);  
box-shadow:4px 4px 4px 4px rgb(134, 201,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 183.8170, 20.7962, -43.6895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 201, 226) }
```

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

```
.background{ background-color: rgb(134,  
201, 226) }
```

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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