

Converting Colors

YUV(137.0680, 20.1795,
-32.5086)

Have a look what the booklet for
YUV(137.0680, 20.1795, -32.5086)
contains.

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Color

**YUV(137.0680, 20.1795,
-32.5086)**

Conversions

Conversions Part 1

Format	Color
Hex	6494B2
RGB	100, 148, 178
RGB Percent	39%, 58%, 70%
CMY	0.6078, 0.4196, 0.3020
CMYK	0.44, 0.17, 0.00, 0.30
HSL	203°, 34%, 55%
HSV	203°, 44%, 70%
XYZ	23.8813, 27.1035, 46.0923
YIQ	137.0680, -38.2380, -0.8460

Conversions

Conversions Part 2

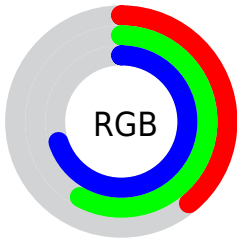
Format	Color
R_{YB}	100, 130, 178
Decimal	6591666
CIE _{Lab}	59.07, -8.07, -20.74
CIE _{LCh}	59, 22.255, 248.739
Yxy	27.1035, 0.2460, 0.2792
Android (android.graphics.Color)	4284781746 (0xFF6494B2)
YUV	137.0680, 20.1795, -32.5086
Hunter-Lab	52.0610, -9.2256, -16.0498

Details

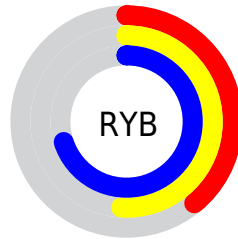
The YUV color $137.0680, 20.1795, -32.5086$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $140.9320, -20.1795, 32.5086$, and the grayscale version is $137.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $191.2960, 21.0531, -32.7086$, and $84.9430, 19.7481, -34.1530$ is the 20% darker color. If you saturate the color by 10%, you get $127.5770, 24.8585, -39.9710$, and if you desaturate by 10%, it is $146.5590, 15.5004, -25.0462$.

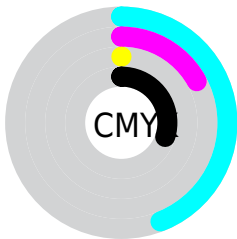
Distribution



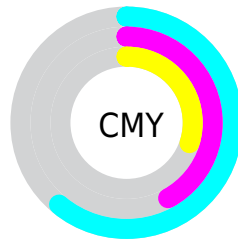
- Red (39%)
- Green (58%)
- Blue (70%)



- Red (39%)
- Yellow (51%)
- Blue (70%)



- Cyan (44%)
- Magenta (17%)
- Yellow (0%)
- Black (30%)



- Cyan (61%)
- Magenta (42%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.0680, 20.1795, -32.5086 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 137.0680, 20.1795, -32.5086 by changing the saturation by 10% instead.

■ 137.0680, 20.1795,
-32.5086

■ 137.0680, 20.1795,
-32.5086

■ 255.0000, 0.0000,
0.0000

■ 110.6550, 19.8901,
-33.0234

■ 191.2960, 21.0531,
-32.7086

■ 84.9430, 19.7481,
-34.1530

■ 218.4980, 17.9955,
-32.0087

■ 58.7250, 20.3486,
-40.1008

■ 241.5450, 6.6333,
-27.6650

■ 38.6010, 18.4377,
-33.8531

■ 250.2160, 2.3585,
-9.8364

■ 23.6520, 14.4686,
-20.7428

■ 4.8220, 13.3988,
-4.2289

■ 0.5700, 2.1840,

-0.4999

■ 0.0000, 0.0000,
0.0000

■ 137.0680, 20.1795,
-32.5086

■ 137.0680, 20.1795,
-32.5086

■ 127.5770, 24.8585,
-39.9710

■ 146.5590, 15.5004,
-25.0462

■ 118.0860, 29.5376,
-47.4334

■ 156.0500, 10.8214,
-17.5838

■ 108.8940, 34.0693,
-54.2810

■ 165.2420, 6.2897,
-10.7362

■ 99.9900, 38.4589,
-62.2582

■ 174.1460, 1.9000,
-2.7590

■ 90.4990, 43.1380,
-69.7206

■ 183.6370, -2.7790,
4.7034

■ 84.8620, 45.9170,
-74.4240

■ 193.1280, -7.4581,
12.1657

■ 202.6190,
-12.1372, 19.6281

■ 211.8110,
-16.6688, 26.4758

■ 219.8070,
-20.6109, 30.8643

Harmonies

Analogous

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



133.5630, 15.9914, -42.5898



137.0680, 20.1795, -32.5086



141.5480, 18.9568, -13.6356

Triad

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



137.0680, 20.1795, -32.5086



144.8730, -3.8814, 31.6834



138.1010, -13.3608, -7.9816

Complementary

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



137.0680, 20.1795, -32.5086



140.9320, -20.1795, 32.5086

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.



140.8320, -18.6512, 8.9173



137.0680, 20.1795, -32.5086



144.2830, -12.4645, 31.3238

Square

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



137.0680, 20.1795, -32.5086



145.6360, 5.6025, 23.1212



142.4470, -17.9684, 23.2870



135.6950, -4.2866, -25.1655

Rectangle

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



137.0680, 20.1795, -32.5086



143.5390, 16.0033, 0.4043



142.4470, -17.9684, 23.2870



139.2650, -15.4136, -2.8634

Sweetspot

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



137.0680, 20.1795, -32.5086



215.9860, 7.8949, -12.2657



149.2060, -9.4686, -43.1537



107.5090, 4.6791, -7.4624



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



137.0680, 20.1795, -32.5086



167.6340, 31.7324, -51.4220



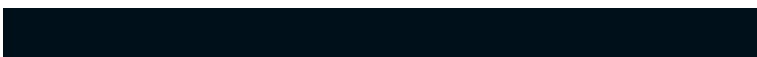
114.1750, 31.4657, -12.4315



84.5480, 2.1948, -3.9886



72.6200, 39.6273, -63.6877



12.3560, 6.7265, -10.8362

Inverse Universe

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



128.7940, 9.4686, 43.1537



154.4410, 15.0656, 68.0192



163.8250, -31.4657, 12.4315



83.3750, 1.2941, 4.9331



56.4630, 18.5057, 84.6629



9.5980, 3.1562, 14.3846

Previews

White Background



This preview shows how the YUV color 137.0680, 20.1795, -32.5086 looks on a white background.

Color Contrast Check

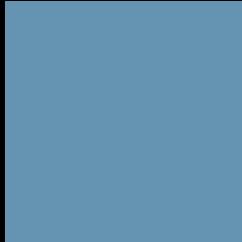
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 137.0680, 20.1795, -32.5086 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 × Fail

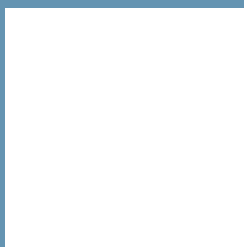
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 137.0680, 20.1795, -32.5086

Background



This preview shows how black text looks on a background with the YUV color 137.0680, 20.1795, -32.5086.

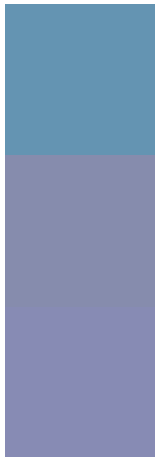


This preview shows how white text looks on a background with the YUV color 137.0680, 20.1795, -32.5086.

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

137.0680, 20.1795, -32.5086

Protanopia

141.9680, 15.2988, -6.9879

Deuteranopia

142.4780, 18.4983, -6.5582



Tritanopia

135.9230, 13.3490, -35.0125

Trichromacy



Original Color

137.0680, 20.1795, -32.5086

Protanomaly

140.3690, 17.0731, -16.1096

Deuteranomaly

140.2380, 19.1097, -15.9947

Tritanomaly

136.2050, 15.6749, -34.3828

Monochromacy



Original Color

137.0680, 20.1795, -32.5086

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.1710, 7.3107, -11.5510

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.0680, 20.1795, -32.5086 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(100, 148, 178)` looks like.

```
.text, #text, p{  
    color:rgb(100, 148, 178)  
}
```

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(100, 148, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 148, 178) }
```

Border

The CSS property to change the border of an element to YUV 137.0680, 20.1795, -32.5086 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(100, 148, 178) }
```


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

```
.border{ border-color:rgb(100, 148, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 148, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 148, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 148, 178);  
box-shadow:4px 4px 4px 4px rgb(100, 148,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 137.0680, 20.1795, -32.5086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 148, 178) }
```

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

```
.background{ background-color: rgb(100,  
148, 178) }
```

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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