

Converting Colors

YUV(134.3560, 20.0375,
-33.6382)

Have a look what the booklet for
YUV(134.3560, 20.0375, -33.6382)
contains.

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Color

**YUV(134.3560, 20.0375,
-33.6382)**

Conversions

Conversions Part 1

Format	Color
Hex	6092AF
RGB	96, 146, 175
RGB Percent	38%, 57%, 69%
CMY	0.6235, 0.4275, 0.3137
CMYK	0.45, 0.17, 0.00, 0.31
HSL	202°, 33%, 53%
HSV	202°, 45%, 69%
XYZ	22.8406, 26.1397, 44.3991
YIQ	134.3560, -39.1090, -1.5810

Conversions

Conversions Part 2

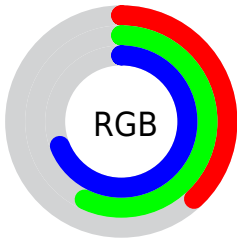
Format	Color
R _Y B	96, 127, 175
Decimal	6329007
CIE Lab	58.17, -8.84, -20.43
CIE LCh	58, 22.261, 246.604
Yxy	26.1397, 0.2446, 0.2799
Android (android.graphics.Color)	4284519087 (0xFF6092AF)
YUV	134.3560, 20.0375, -33.6382
Hunter-Lab	51.1270, -9.7287, -15.6990

Details

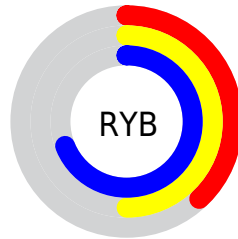
The YUV color $134.3560, 20.0375, -33.6382$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $136.6440, -20.0375, 33.6382$, and the grayscale version is $134.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $188.5840, 20.9111, -33.8382$, and $82.8180, 19.3167, -35.7974$ is the 20% darker color. If you saturate the color by 10%, you get $125.4520, 24.4272, -41.6154$, and if you desaturate by 10%, it is $143.2600, 15.6478, -25.6610$.

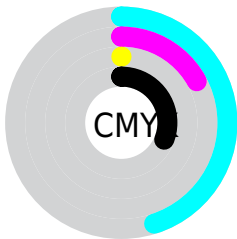
Distribution



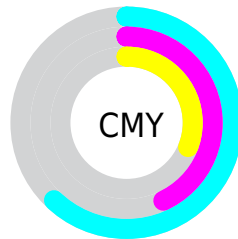
- Red (38%)
- Green (57%)
- Blue (69%)



- Red (38%)
- Yellow (50%)
- Blue (69%)



- Cyan (45%)
- Magenta (17%)
- Yellow (0%)
- Black (31%)



- Cyan (62%)
- Magenta (43%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.3560, 20.0375, -33.6382 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 134.3560, 20.0375, -33.6382 by changing the saturation by 10% instead.

■ 134.3560, 20.0375,
-33.6382

■ 134.3560, 20.0375,
-33.6382

255.0000, 0.0000,
0.0000

■ 107.9430, 19.7481,
-34.1530

■ 188.5840, 20.9111,
-33.8382

■ 82.8180, 19.3167,
-35.7974

■ 216.1280, 19.1639,
-33.4383

■ 54.9310, 21.2330,
-43.7895

■ 240.3490, 7.2229,
-30.1241

■ 37.1990, 18.1429,
-32.6235

■ 249.0200, 2.9481,
-12.2955

■ 22.8370, 13.8844,
-20.0280

■ 4.5940, 12.5252,
-4.0289

■ 0.0000, 0.0000,

0.0000

■ 134.3560, 20.0375,
-33.6382

■ 134.3560, 20.0375,
-33.6382

■ 125.4520, 24.4272,
-41.6154

■ 143.2600, 15.6478,
-25.6610

■ 116.2600, 28.9588,
-48.4630

■ 152.4520, 11.1162,
-18.8134

■ 107.6550, 33.2011,
-55.8254

■ 161.0570, 6.8739,
-11.4510

■ 98.1640, 37.8801,
-63.2878

■ 170.5480, 2.1948,
-3.9886

■ 89.5590, 42.1224,
-70.6502

■ 179.4520, -2.1948,
3.9886

■ 85.1070, 44.3172,
-74.6388

■ 188.6440, -6.7265,
10.8362

■ 197.5480,
-11.1162, 18.8134

■ 206.1530,
-15.3584, 26.1758

■ 215.6440,
-20.0375, 33.6382

Harmonies

Analogous

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



131.0360, 15.2653, -43.0046



134.3560, 20.0375, -33.6382



138.9500, 19.2517, -14.8651

Triad

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



134.3560, 20.0375, -33.6382



142.9870, -3.4446, 31.5834



136.2860, -13.9450, -7.2668

Complementary

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



134.3560, 20.0375, -33.6382



136.6440, -20.0375, 33.6382

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.



138.5440, -18.5092, 10.0469



134.3560, 20.0375, -33.6382



141.6960, -12.1751, 31.8386

Square

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



134.3560, 20.0375, -33.6382



143.4510, 6.1867, 22.4065



139.9740, -17.2422, 23.7018



133.2930, -4.5814, -23.9360

Rectangle

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



134.3560, 20.0375, -33.6382



141.6420, 16.4455, -1.4400



139.9740, -17.2422, 23.7018



137.1620, -15.8559, -1.0191

Sweetspot

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



134.3560, 20.0375, -33.6382



210.3880, 8.1897, -13.4953



145.6790, -10.1947, -43.5685



104.9110, 4.9739, -8.6919



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



134.3560, 20.0375, -33.6382



163.8080, 31.1537, -52.4516



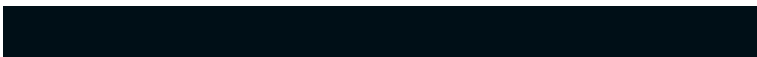
111.4630, 31.3237, -13.5611



82.5480, 2.1948, -3.9886



72.8650, 38.0276, -63.9026



11.4270, 5.7055, -10.0215

Inverse Universe

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



125.3210, 10.1947, 43.5685



149.6690, 15.9392, 67.8193



159.5370, -31.3237, 13.5611



81.3750, 1.2941, 4.9331



55.6800, 19.3848, 82.7186



8.5870, 3.1616, 12.6402

Previews

White Background



This preview shows how the YUV color 134.3560, 20.0375, -33.6382 looks on a white background.

Color Contrast Check

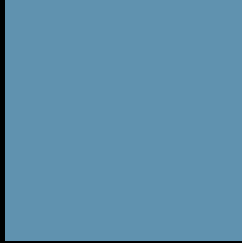
Large Text (above 18pt) WCAG AA ✓ Pass

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 134.3560, 20.0375, -33.6382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

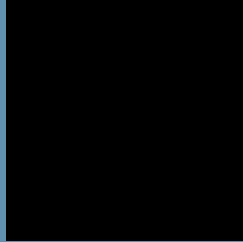
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 134.3560, 20.0375, -33.6382

Background



This preview shows how black text looks on a background with the YUV color 134.3560, 20.0375, -33.6382.

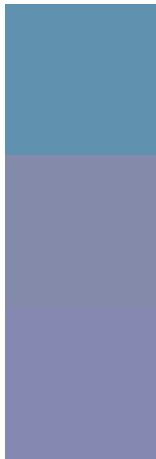


This preview shows how white text looks on a background with the YUV color 134.3560, 20.0375, -33.6382.

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

134.3560, 20.0375, -33.6382

Protanopia

139.7400, 14.4252, -6.7880

Deuteranopia

140.3640, 18.0615, -6.4582



Tritanopia

133.2110, 13.2070, -36.1420

Trichromacy



Original Color

134.3560, 20.0375, -33.6382

Protanomaly

137.8420, 16.3469, -16.5244

Deuteranomaly

138.1240, 18.6729, -15.8947

Tritanomaly

133.4930, 15.5330, -35.5124

Monochromacy



Original Color

134.3560, 20.0375, -33.6382

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

133.8720, 7.4581, -12.1657

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.3560, 20.0375, -33.6382 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(96, 146, 175)` looks like.

```
.text, #text, p{  
    color:rgb(96, 146, 175)  
}
```

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(96, 146, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 146, 175) }
```

Border

The CSS property to change the border of an element to YUV 134.3560, 20.0375, -33.6382 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(96, 146, 175) }
```


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

```
.border{ border-color:rgb(96, 146, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 146, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 146, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 146, 175);  
box-shadow:4px 4px 4px 4px rgb(96, 146,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 134.3560, 20.0375, -33.6382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 146, 175) }
```

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

```
.background{ background-color: rgb(96, 146,  
175) }
```

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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