

Converting Colors

YUV(134.0020, 23.6630,
-29.8198)

Have a look what the booklet for
YUV(134.0020, 23.6630, -29.8198)
contains.

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Color

**YUV(134.0020, 23.6630,
-29.8198)**

Conversions

Conversions Part 1

Format	Color
Hex	648EB6
RGB	100, 142, 182
RGB Percent	39%, 56%, 71%
CMY	0.6078, 0.4431, 0.2863
CMYK	0.45, 0.22, 0.00, 0.29
HSL	209°, 36%, 55%
HSV	209°, 45%, 71%
XYZ	23.3720, 25.4327, 47.9331
YIQ	134.0020, -37.8720, 3.5360

Conversions

Conversions Part 2

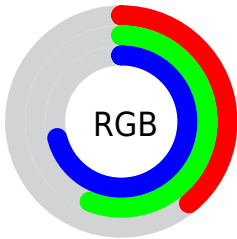
Format	Color
R_{YB}	100, 128, 182
Decimal	6590134
CIE _{Lab}	57.49, -3.54, -25.43
CIE _{LCh}	57, 25.674, 262.078
Yxy	25.4327, 0.2416, 0.2629
Android (android.graphics.Color)	4284780214 (0xFF648EB6)
YUV	134.0020, 23.6630, -29.8198
Hunter-Lab	50.4309, -5.5288, -21.0519

Details

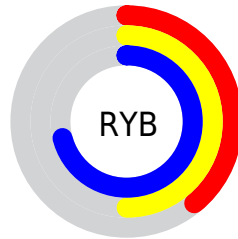
The YUV color $134.0020, 23.6630, -29.8198$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $147.9980, -23.6630, 29.8198$, and the grayscale version is $134.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $188.2300, 24.5366, -30.0197$, and $82.4640, 22.9422, -31.9789$ is the 20% darker color. If you saturate the color by 10%, you get $123.3370, 28.9209, -36.2525$, and if you desaturate by 10%, it is $144.6670, 18.4052, -23.3870$.

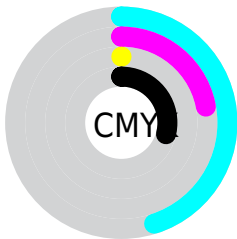
Distribution



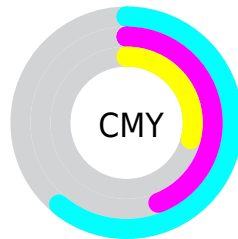
- Red (39%)
- Green (56%)
- Blue (71%)



- Red (39%)
- Yellow (50%)
- Blue (71%)



- Cyan (45%)
- Magenta (22%)
- Yellow (0%)
- Black (29%)



- Cyan (61%)
- Magenta (44%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.0020, 23.6630, -29.8198 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 134.0020, 23.6630, -29.8198 by changing the saturation by 10% instead.

■ 134.0020, 23.6630,
-29.8198

■ 134.0020, 23.6630,
-29.8198

255.0000, 0.0000,
0.0000

■ 107.5890, 23.3736,
-30.3346

■ 188.2300, 24.5366,
-30.0197

■ 82.4640, 22.9422,
-31.9789

■ 214.3890, 20.0212,
-28.4052

■ 55.9470, 23.6901,
-38.5415

■ 240.0830, 7.3541,
-25.5058

■ 36.0080, 21.1951,
-31.5790

■ 250.5150, 2.2111,
-9.2217

■ 21.6460, 16.9365,
-18.9835

■ 5.1640, 14.7091,
-4.5288

■ 1.0260, 3.9312,

-0.8998

■ 0.0000, 0.0000,
0.0000

■ 134.0020, 23.6630,
-29.8198

■ 134.0020, 23.6630,
-29.8198

■ 123.3370, 28.9209,
-36.2525

■ 144.6670, 18.4052,
-23.3870

■ 112.6720, 34.1787,
-42.6853

■ 155.3320, 13.1473,
-16.9542

■ 101.7080, 39.5840,
-49.7329

■ 166.2960, 7.7421,
-9.9066

■ 91.0430, 44.8418,
-56.1657

■ 176.9610, 2.4842,
-3.4738

■ 80.9650, 49.8103,
-63.1133

■ 187.0390, -2.4842,
3.4738

■ 75.3390, 52.5839,
-66.0723

■ 197.7040, -7.7421,
9.9066

■ 208.3690,
-12.9999, 16.3394

■ 219.3330,
-18.4052, 23.3870

■ 227.3070,
-22.3364, 24.2868

Harmonies

Analogous

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



128.1260, 22.1229, -49.2225



134.0020, 23.6630, -29.8198



138.8310, 19.8033, -5.1138

Triad

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



134.0020, 23.6630, -29.8198



140.2390, -8.9918, 37.5014



132.0180, -10.8549, -18.4328

Complementary

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



134.0020, 23.6630, -29.8198



147.9980, -23.6630, 29.8198

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.



135.2610, -19.3557, 1.5251



134.0020, 23.6630, -29.8198



139.0290, -17.2693, 32.4236

Square

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



134.0020, 23.6630, -29.8198



141.3660, 1.7916, 32.1280



137.5020, -21.4465, 18.8537



128.3990, 1.2823, -38.0609

Rectangle

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



134.0020, 23.6630, -29.8198



140.9640, 14.8077, 10.5556



137.5020, -21.4465, 18.8537



133.4380, -14.5129, -11.7851

Sweetspot

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



134.0020, 23.6630, -29.8198



217.7410, 9.4947, -12.0509



152.6940, -6.2581, -46.2126



107.8510, 5.9895, -7.7623



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



134.0020, 23.6630, -29.8198



162.3340, 36.8103, -46.7739



109.9350, 35.5280, -8.7130



86.3740, 2.7736, -2.9590



64.7440, 44.9892, -56.7805



11.4100, 8.1789, -10.0066

Inverse Universe

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



129.3060, 6.2581, 46.2126



154.7960, 9.9606, 72.0929



172.0650, -35.5280, 8.7130



86.1470, 0.4205, 5.1331



55.7640, 11.9483, 87.9070



9.9680, 1.9878, 15.8141

Previews

White Background



This preview shows how the YUV color 134.0020, 23.6630, -29.8198 looks on a white background.

Color Contrast Check

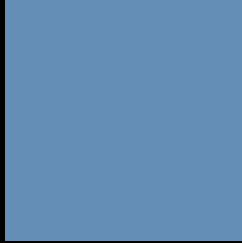
Large Text (above 18pt) WCAG AA ✓ Pass

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 134.0020, 23.6630, -29.8198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

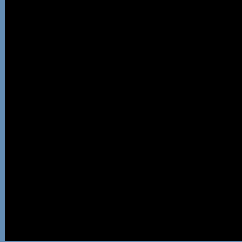
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 134.0020, 23.6630, -29.8198

Background



This preview shows how black text looks on a background with the YUV color 134.0020, 23.6630, -29.8198.

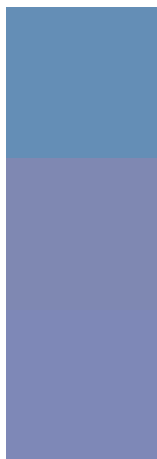


This preview shows how white text looks on a background with the YUV color 134.0020, 23.6630,

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

134.0020, 23.6630, -29.8198

Protanopia

138.0970, 19.6722, -9.7321

Deuteranopia

138.3680, 22.0036, -10.8467



Tritanopia

131.5210, 13.0541, -33.7829

Trichromacy



Original Color

134.0020, 23.6630, -29.8198

Protanomaly

136.3950, 21.0043, -17.0094

Deuteranomaly

136.8510, 22.7515, -17.4093

Tritanomaly

132.8570, 16.8325, -32.3236

Monochromacy



Original Color

134.0020, 23.6630, -29.8198

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

134.1110, 8.3263, -10.6213

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.0020, 23.6630, -29.8198 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, 142, 182)` looks like.

```
.text, #text, p{  
    color:rgb(100, 142, 182)  
}
```

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, 142, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 142, 182) }
```

Border

The CSS property to change the border of an element to YUV 134.0020, 23.6630, -29.8198 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, 142, 182) }
```


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

```
.border{ border-color:rgb(100, 142, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 142, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 142, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 142, 182);  
box-shadow:4px 4px 4px 4px rgb(100, 142,  
182) }
```

Background

The CSS property to change the background color of an element to YUV 134.0020, 23.6630, -29.8198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 142, 182) }
```

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

```
.background{ background-color: rgb(100,  
142, 182) }
```

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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