

Converting Colors

YUV(126.3950, 21.0043,
-17.0094)

Have a look what the booklet for
YUV(126.3950, 21.0043, -17.0094)
contains.

YUV(126.3950, 21.0043, -17.0094)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(126.3950, 21.0043,
-17.0094)**

Conversions

Conversions Part 1

Format	Color
Hex	6B80A9
RGB	107, 128, 169
RGB Percent	42%, 50%, 66%
CMY	0.5804, 0.4980, 0.3373
CMYK	0.37, 0.24, 0.00, 0.34
HSL	220°, 26%, 54%
HSV	220°, 37%, 66%
XYZ	20.9440, 21.4287, 40.5684
YIQ	126.3950, -25.6770, 8.2990

Conversions

Conversions Part 2

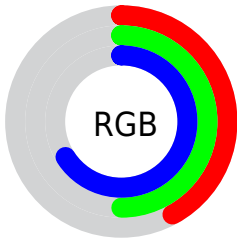
Format	Color
R_{YB}	107, 123, 169
Decimal	7045289
CIE Lab	53.42, 2.80, -24.23
CIE LCh	53, 24.394, 276.585
Yxy	21.4287, 0.2525, 0.2584
Android (android.graphics.Color)	4285235369 (0xFF6B80A9)
YUV	126.3950, 21.0043, -17.0094
Hunter-Lab	46.2912, -0.2489, -19.5564

Details

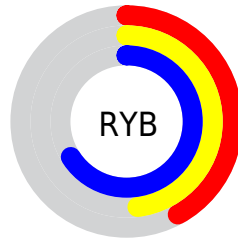
The YUV color $126.3950, 21.0043, -17.0094$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $149.6050, -21.0043, 17.0094$, and the grayscale version is $126.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $179.6230, 21.8779, -17.2094$, and $76.4550, 19.9887, -17.9390$ is the 20% darker color. If you saturate the color by 10%, you get $114.8550, 26.6935, -21.7978$, and if you desaturate by 10%, it is $137.9350, 15.3150, -12.2210$.

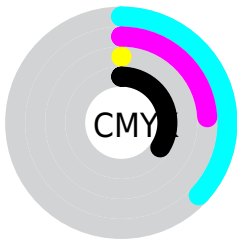
Distribution



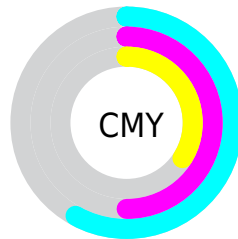
- Red (42%)
- Green (50%)
- Blue (66%)



- Red (42%)
- Yellow (48%)
- Blue (66%)



- Cyan (37%)
- Magenta (24%)
- Yellow (0%)
- Black (34%)



- Cyan (58%)
- Magenta (50%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.3950, 21.0043, -17.0094 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 126.3950, 21.0043, -17.0094 by changing the saturation by 10% instead.

■ 126.3950, 21.0043,
-17.0094

■ 126.3950, 21.0043,
-17.0094

■ 255.0000, 0.0000,
0.0000

■ 100.8680, 20.2781,
-17.4242

■ 179.6230, 21.8779,
-17.2094

■ 76.4550, 19.9887,
-17.9390

■ 207.1500, 22.6040,
-16.7946

■ 52.6290, 19.4099,
-18.9686

■ 232.1860, 11.2473,
-14.1951

■ 28.2970, 19.5736,
-24.8165

■ 252.0100, 1.4741,
-6.1478

■ 12.8750, 16.3306,
-11.2914

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,

0.0000

■ 126.3950, 21.0043,
-17.0094

■ 126.3950, 21.0043,
-17.0094

■ 114.8550, 26.6935,
-21.7978

■ 137.9350, 15.3150,
-12.2210

■ 103.3150, 32.3827,
-26.5863

■ 149.4750, 9.6258,
-7.4326

■ 91.1880, 38.3613,
-30.8599

■ 161.6020, 3.6472,
-3.1590

■ 79.6480, 44.0505,
-35.6483

■ 173.1420, -2.0420,
1.6295

■ 68.1080, 49.7398,
-40.4367

■ 184.3830, -7.5838,
5.8031

■ 56.8670, 55.2816,
-44.6104

■ 195.9230,
-13.2730, 10.5915

■ 52.7250, 57.3236,
-46.2398

■ 207.4630,
-18.9623, 15.3799

■ 219.0030,
-24.6515, 20.1684

■ 229.9340,
-30.0405, 21.9829

Harmonies

Analogous

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



120.6050, 22.3797, -38.2416



126.3950, 21.0043, -17.0094



130.3440, 15.1134, 5.8373

Triad

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



126.3950, 21.0043, -17.0094



129.0060, -12.3280, 34.1977



120.4560, -5.1548, -26.7099

Complementary

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



126.3950, 21.0043, -17.0094



149.6050, -21.0043, 17.0094

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.



123.6450, -15.1080, -7.5817



126.3950, 21.0043, -17.0094



127.9310, -18.7000, 24.6165

Square

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



126.3950, 21.0043, -17.0094



130.4110, -3.1606, 33.8426



126.2020, -19.8196, 10.3468



116.9730, 7.4083, -42.9493

Rectangle

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



126.3950, 21.0043, -17.0094



130.7540, 9.9813, 18.6327



126.2020, -19.8196, 10.3468



121.5770, -8.6655, -20.6770

Sweetspot

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



126.3950, 21.0043, -17.0094



202.4320, 8.1680, -6.5179



147.9540, -0.4703, -35.9167



99.6450, 5.1050, -4.0737



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



126.3950, 21.0043, -17.0094



152.7280, 32.6721, -26.0715



116.7590, 25.7548, -0.6656



78.6730, 2.6262, -2.3442



46.2220, 50.1766, -40.5367



6.3890, 6.7102, -5.6032

Inverse Universe

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



127.9320, 0.0335, 36.0166



155.3520, -0.1735, 55.8193



159.2410, -25.7548, 0.6656



78.7340, 0.1311, 4.6183



49.9520, 0.0237, 85.9881



6.7780, 0.1094, 11.5957

Previews

White Background



This preview shows how the YUV color 126.3950, 21.0043, -17.0094 looks on a white background.

Color Contrast Check

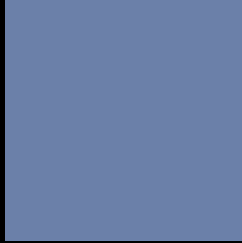
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.3950, 21.0043, -17.0094 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

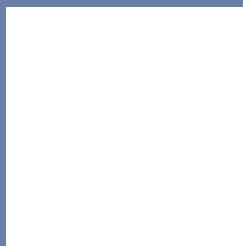
Any Text WCAG AAA × Fail

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

YUV 126.3950, 21.0043, -17.0094 Background



This preview shows how black text looks on a background with the YUV color 126.3950, 21.0043, -17.0094.



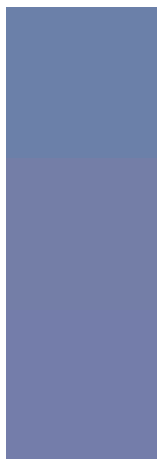
This preview shows how white text looks on a background with the YUV color 126.3950, 21.0043, -17.0094.

-17.0094.

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

126.3950, 21.0043, -17.0094

Protanopia

127.6840, 19.3828, -10.2469

Deuteranopia

127.4390, 20.9826, -10.0320



Tritanopia

124.5720, 9.0850, -20.6726

Trichromacy



Original Color

126.3950, 21.0043, -17.0094

Protanomaly

127.4880, 19.9724, -12.7060

Deuteranomaly

127.1290, 21.1354, -12.3911

Tritanomaly

125.0220, 13.3002, -19.3133

Monochromacy



Original Color

126.3950, 21.0043, -17.0094

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

126.3180, 7.7312, -6.4179

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.3950, 21.0043, -17.0094 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(107, 128, 169)` looks like.

```
.text, #text, p{  
    color:rgb(107, 128, 169)  
}
```

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(107, 128, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 128, 169) }
```

Border

The CSS property to change the border of an element to YUV 126.3950, 21.0043, -17.0094 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(107, 128, 169) }
```


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

```
.border{ border-color:rgb(107, 128, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 128, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 128, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 128, 169);  
box-shadow:4px 4px 4px 4px rgb(107, 128,  
169) }
```

Background

The CSS property to change the background color of an element to YUV 126.3950, 21.0043, -17.0094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 128, 169) }
```

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

```
.background{ background-color: rgb(107,  
128, 169) }
```

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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