

Converting Colors

YUV(128.4440, 43.1651,
-78.4424)

Have a look what the booklet for
YUV(128.4440, 43.1651, -78.4424)
contains.

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Color

**YUV(128.4440, 43.1651,
-78.4424)**

Conversions

Conversions Part 1

Format	Color
Hex	279DD8
RGB	39, 157, 216
RGB Percent	15%, 62%, 85%
CMY	0.8471, 0.3843, 0.1529
CMYK	0.82, 0.27, 0.00, 0.15
HSL	200°, 69%, 50%
HSV	200°, 82%, 85%
XYZ	25.2883, 29.5031, 69.3276
YIQ	128.4440, -89.2670, -6.6670

Conversions

Conversions Part 2

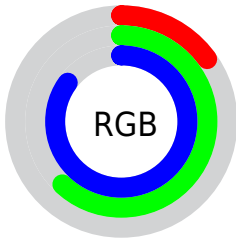
Format	Color
R _Y B	39, 110, 216
Decimal	2596312
CIE Lab	61.22, -11.27, -38.92
CIE LCh	61, 40.516, 253.846
Yxy	29.5031, 0.2037, 0.2377
Android (android.graphics.Color)	4280786392 (0xFF279DD8)
YUV	128.4440, 43.1651, -78.4424
Hunter-Lab	54.3168, -11.9499, -37.6534

Details

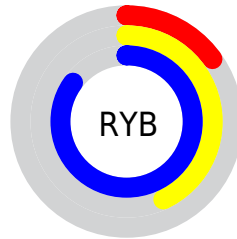
The YUV color **128.4440, 43.1651, -78.4424** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **126.5560, -43.1651, 78.4424**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.0130, 33.5176, -64.0324**, and **80.5760, 39.6490, -70.6652** is the 20% darker color. If you saturate the color by 10%, you get **117.7570, 48.4338, -88.3639**, and if you desaturate by 10%, it is **139.1310, 37.8964, -68.5209**.

Distribution



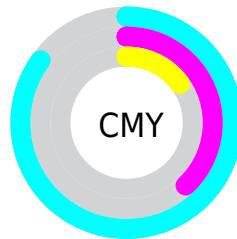
- Red (15%)
- Green (62%)
- Blue (85%)



- Red (15%)
- Yellow (43%)
- Blue (85%)



- Cyan (82%)
- Magenta (27%)
- Yellow (0%)
- Black (15%)



- Cyan (85%)
- Magenta (38%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.4440, 43.1651, -78.4424 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 128.4440, 43.1651, -78.4424 by changing the saturation by 10% instead.

■ 128.4440, 43.1651,
-78.4424

■ 128.4440, 43.1651,
-78.4424

■ 255.0000, 0.0000,
0.0000

■ 98.3290, 44.2078,
-86.2345

■ 187.0130, 33.5176,
-64.0324

■ 80.5760, 39.6490,
-70.6652

■ 213.3050, 20.5556,
-59.9035

■ 63.4100, 34.8009,
-55.6106

■ 231.3790, 11.6452,
-48.5674

■ 47.0590, 30.5369,
-41.2707

■ 240.6480, 7.0755,
-29.5093

■ 31.8820, 25.6942,
-27.9605

■ 249.6180, 2.6533,
-11.0660

■ 15.1720, 22.5932,
-13.3058

■ 6.0930, 15.7302,

-5.3436

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,
0.0000

■ 128.4440, 43.1651,
-78.4424

■ 128.4440, 43.1651,
-78.4424

■ 117.7570, 48.4338,
-88.3639

■ 139.1310, 37.8964,
-68.5209

■ 109.1520, 52.6761,
-95.7263

■ 149.5190, 32.7751,
-59.2142

■ 160.7930, 27.2171,
-49.8075

■ 171.1810, 22.0958,
-40.5007

■ 181.8680, 16.8271,
-30.5792

■ 192.5550, 11.5584,
-20.6577

■ 202.9430, 6.4371,
-11.3510

■ 214.2170, 0.8790,
-1.9443

■ 224.6050, -4.2423,
7.3624

Harmonies

Analogous

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



118.6120, 38.1523, -104.0227



128.4440, 43.1651, -78.4424



146.3200, 34.8452, -23.0826

Triad

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



128.4440, 43.1651, -78.4424



149.4850, -8.6201, 58.3337



138.8360, -21.6111, -21.7812

Complementary

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



128.4440, 43.1651, -78.4424



126.5560, -43.1651, 78.4424

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.



143.3470, -33.2021, 9.3427



128.4440, 43.1651, -78.4424



147.8530, -23.5915, 53.6259

Square

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



128.4440, 43.1651, -78.4424



151.5880, 8.5841, 46.8423



146.2130, -33.1360, 34.8932



130.1700, -1.5628, -58.9081

Rectangle

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



128.4440, 43.1651, -78.4424



150.9600, 27.6277, 5.2971



146.2130, -33.1360, 34.8932



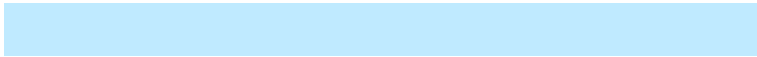
140.2350, -26.7379, -10.7301

Sweetspot

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



128.4440, 43.1651, -78.4424



223.5370, 15.5113, -28.5349



149.6250, -25.4511, -97.0181



108.7080, 9.5110, -17.2839



0.0000, 0.0000, 0.0000



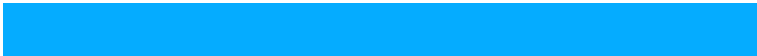
128.0000, 0.0000, 0.0000

Same Dimension

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



128.4440, 43.1651, -78.4424



131.5290, 60.8712, -110.9659



77.9620, 68.0527, -34.1697



101.9500, 2.4897, -5.2181



86.4120, 41.7019, -75.7833



21.9250, 10.3900, -19.2282

Inverse Universe

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



105.3750, 25.4511, 97.0181



98.7880, 36.0935, 136.9979



178.7990, -68.9209, 32.6253



100.2010, 1.8729, 5.9627



64.1250, 24.5884, 93.7294



16.1630, 6.3286, 23.5360

Previews

White Background



This preview shows how the YUV color 128.4440, 43.1651, -78.4424 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 128.4440, 43.1651, -78.4424 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

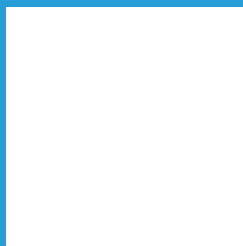
Any Text WCAG AAA × Fail

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

YUV 128.4440, 43.1651, -78.4424 Background



This preview shows how black text looks on a background with the YUV color 128.4440, 43.1651, -78.4424.

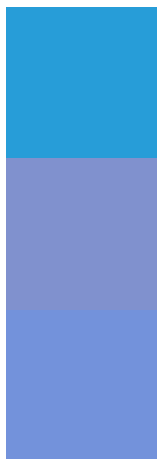


This preview shows how white text looks on a background with the YUV color 128.4440, 43.1651, -78.4424.

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

128.4440, 43.1651, -78.4424

Protanopia

146.8710, 29.1506, -16.5499

Deuteranopia

145.0530, 36.4559, -26.3565



Tritanopia

115.7450, 29.7057, -101.5084

Trichromacy



Original Color

128.4440, 43.1651, -78.4424

Protanomaly

140.1070, 34.4572, -38.6818

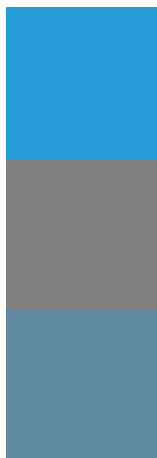
Deuteranomaly

138.9150, 38.9889, -45.5295

Tritanomaly

120.4670, 34.7728, -93.3716

Monochromacy



Original Color

128.4440, 43.1651, -78.4424

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

128.5370, 15.5113, -28.5349

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.4440, 43.1651, -78.4424 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(39, 157, 216)` looks like.

```
.text, #text, p{  
    color:rgb(39, 157, 216)  
}
```

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(39, 157, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 157, 216) }
```

Border

The CSS property to change the border of an element to YUV 128.4440, 43.1651, -78.4424 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(39, 157, 216) }
```


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

```
.border{ border-color:rgb(39, 157, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 157, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 157, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 157, 216);  
box-shadow:4px 4px 4px 4px rgb(39, 157,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 128.4440, 43.1651, -78.4424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 157, 216) }
```

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

```
.background{ background-color: rgb(39, 157,  
216) }
```

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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