

Converting Colors

YUV(191.0180, -24.6589,
-71.0528)

Have a look what the booklet for
YUV(191.0180, -24.6589, -71.0528)
contains.

YUV(191.0180, -24.6589, -71.0528)	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(191.0180, -24.6589,
-71.0528)**

Conversions

Conversions Part 1

Format	Color
Hex	6EF28D
RGB	110, 242, 141
RGB Percent	43%, 95%, 55%
CMY	0.5686, 0.0510, 0.4471
CMYK	0.55, 0.00, 0.42, 0.05
HSL	134°, 84%, 69%
HSV	134°, 55%, 95%
XYZ	42.9903, 68.7423, 36.2021
YIQ	191.0180, -46.2510, -59.3950

Conversions

Conversions Part 2

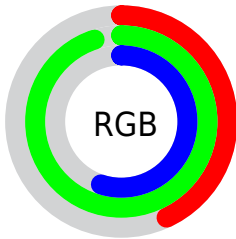
Format	Color
RYB	110, 217, 242
Decimal	7271053
CIELab	86.38, -57.47, 37.96
CIELCh	86, 68.872, 146.557
Yxy	68.7423, 0.2906, 0.4647
Android (android.graphics.Color)	4285461133 (0xFF6EF28D)
YUV	191.0180, -24.6589, -71.0528
Hunter-Lab	82.9110, -52.5401, 32.1494

Details

The YUV color **191.0180, -24.6589, -71.0528** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **160.9820, 24.6589, 71.0528**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.8590, -13.2415, -46.3573**, and **131.0000, -20.7060, -78.9300** is the 20% darker color. If you saturate the color by 10%, you get **181.6760, -29.4203, -83.9079**, and if you desaturate by 10%, it is **200.3600, -19.8975, -58.1977**.

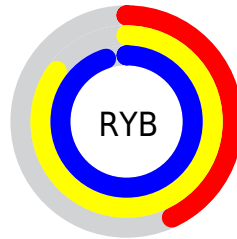
Distribution



Red (43%)

Green (95%)

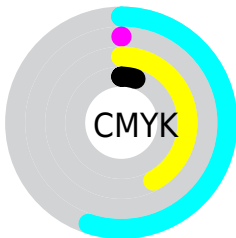
Blue (55%)



Red (43%)

Yellow (85%)

Blue (95%)

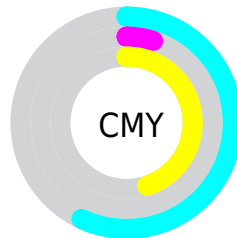


Cyan (55%)

Magenta (0%)

Yellow (42%)

Black (5%)



Cyan (57%)

Magenta (5%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.0180, -24.6589, -71.0528 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 191.0180, -24.6589, -71.0528 by changing the saturation by 10% instead.

191.0180,
-24.6589, -71.0528

191.0180,
-24.6589, -71.0528

255.0000, 0.0000,
0.0000

161.4630,
-22.9063, -73.1971

222.8590,
-13.2415, -46.3573

131.0000,
-20.7060, -78.9300

235.0210, -5.4334,
-30.7134

99.4550, -17.4793,
-87.2220

247.2970, 2.8116,
-15.1695

80.8700, -20.1489,
-70.9230

62.5300, -24.4183,
-54.8388

46.3730, -22.8619,
-40.6691

32.2850, -15.9165,

-28.3139

■ 17.6100, -8.6817,
-15.4440

■ 0.0000, 0.0000,
0.0000

■ 191.0180,
-24.6589, -71.0528

■ 191.0180,
-24.6589, -71.0528

■ 181.6760,
-29.4203, -83.9079

■ 200.3600,
-19.8975, -58.1977

■ 172.4480,
-33.7449, -96.8629


■ 209.5880,
-15.5729, -45.2427


■ 162.8070,
-38.3589, -110.3327


■ 219.2290,
-10.9589, -31.7728

■ 153.5790,
-42.6834, -123.2878

■ 228.4570, -6.6343,
-18.8178

 148.5520,
-45.1351, -130.2801

 237.7990, -1.8729,
-5.9627

 247.0270, 2.4517,
6.9923

 247.3690, 3.7621,
6.6924

Harmonies

Analogous

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



203.8030, -55.1189, -7.7202



191.0180, -24.6589, -71.0528



169.0600, 18.2114, -148.2656

Triad

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



191.0180, -24.6589, -71.0528



162.3300, 45.6863, -140.6094



190.8670, -14.7244, 56.2446

Complementary

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



191.0180, -24.6589, -71.0528



160.9820, 24.6589, 71.0528

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.



195.3420, 15.1144, 52.3201



191.0180, -24.6589, -71.0528



209.2380, 22.5607, -2.8397

Square

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



191.0180, -24.6589, -71.0528



170.5370, 41.6403, -149.5609



208.0400, 23.1513, 41.1839



197.7390, -44.2413, 50.2179

Rectangle

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



191.0180, -24.6589, -71.0528



174.1900, 37.8673, -152.7646



208.0400, 23.1513, 41.1839



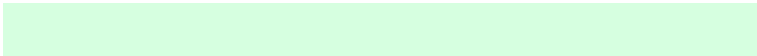
190.9130, -4.3941, 56.2043

Sweetspot

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



191.0180, -24.6589, -71.0528



239.2070, -7.4971, -22.1065



217.6830, -53.0877, -5.8610



118.3590, -4.6140, -13.4698



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.



191.0180, -24.6589, -71.0528



190.8880, -31.0038, -89.3558



198.5420, 4.1698, -77.6513



115.3860, -2.1623, -6.4775



112.9100, -34.4656, -99.0221



34.3540, -10.5275, -30.1285

Inverse Universe

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



160.9820, 24.6589, 71.0528



153.1120, 31.0038, 89.3558



153.4580, -4.1698, 77.6513



112.6140, 2.1623, 6.4775



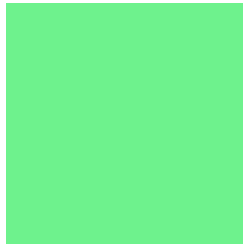
70.9760, 34.0288, 99.1220



21.6460, 10.5275, 30.1285

Previews

White Background



This preview shows how the YUV color 191.0180, -24.6589, -71.0528 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 191.0180, -24.6589, -71.0528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

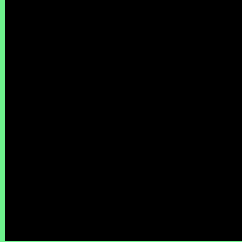
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 191.0180, -24.6589, -71.0528 Background



This preview shows how black text looks on a background with the YUV color 191.0180, -24.6589, -71.0528.



This preview shows how white text looks on a background with the YUV color 191.0180, -24.6589, -71.0528.

-71.0528.

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

191.0180, -24.6589, -71.0528

Protanopia

210.9910, -39.9286, 20.1789

Deuteranopia

213.7940, -30.9574, 36.1377



Tritanopia

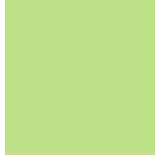
203.6580, 21.8606, -58.4591

Trichromacy



Original Color

191.0180, -24.6589, -71.0528



Protanomaly

203.8620, -34.4420, -13.0340



Deuteranomaly

205.1220, -28.6541, -2.7380



Tritanomaly

199.1570, 4.8526, -63.2817

Monochromacy



Original Color

191.0180, -24.6589, -71.0528



Achromatopsia

191.0000, 0.0000, 0.0000



Achromatomaly

191.4300, -9.0860, -25.8101

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.0180, -24.6589, -71.0528 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(110, 242, 141)` looks like.

```
.text, #text, p{  
    color:rgb(110, 242, 141)  
}
```

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(110, 242, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 242, 141) }
```

Border

The CSS property to change the border of an element to YUV 191.0180, -24.6589, -71.0528 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(110, 242, 141) }
```


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

```
.border{ border-color:rgb(110, 242, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 242, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 242, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 242, 141);  
box-shadow:4px 4px 4px 4px rgb(110, 242,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 191.0180, -24.6589, -71.0528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 242, 141) }
```

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

```
.background{ background-color: rgb(110,  
242, 141) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor