

Converting Colors

YUV(187.3420, -29.2556,
-43.2729)

Have a look what the booklet for
YUV(187.3420, -29.2556, -43.2729)
contains.

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Color

**YUV(187.3420, -29.2556,
-43.2729)**

Conversions

Conversions Part 1

Format	Color
Hex	8AE080
RGB	138, 224, 128
RGB Percent	54%, 88%, 50%
CMY	0.4588, 0.1216, 0.4980
CMYK	0.38, 0.00, 0.43, 0.12
HSL	114°, 61%, 69%
HSV	114°, 43%, 88%
XYZ	41.0332, 60.2731, 29.8933
YIQ	187.3420, -20.4400, -48.0880

Conversions

Conversions Part 2

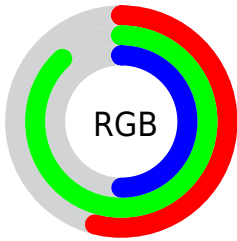
Format	Color
RYB	128, 224, 214
Decimal	9101440
CIELab	81.99, -44.46, 38.95
CIElCh	82, 59.113, 138.777
Yxy	60.2731, 0.3128, 0.4594
Android (android.graphics.Color)	4287291520 (0xFF8AE080)
YUV	187.3420, -29.2556, -43.2729
Hunter-Lab	77.6357, -41.5192, 31.5157

Details

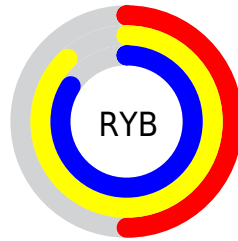
The YUV color **187.3420, -29.2556, -43.2729** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **164.6580, 29.2556, 43.2729**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.7380, -23.0418, -29.5882**, and **131.9120, -27.0716, -43.7728** is the 20% darker color. If you saturate the color by 10%, you get **178.8540, -35.9170, -53.3690**, and if you desaturate by 10%, it is **195.8300, -22.5942, -33.1769**.

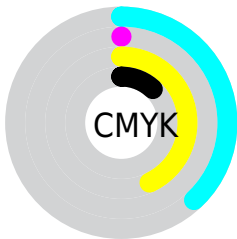
Distribution



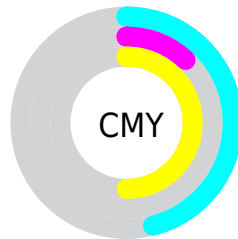
- Red (54%)
- Green (88%)
- Blue (50%)



- Red (50%)
- Yellow (88%)
- Blue (84%)



- Cyan (38%)
- Magenta (0%)
- Yellow (43%)
- Black (12%)



- Cyan (46%)
- Magenta (12%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.3420, -29.2556, -43.2729 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 187.3420, -29.2556, -43.2729 by changing the saturation by 10% instead.

■ 187.3420,
-29.2556, -43.2729

■ 187.3420,
-29.2556, -43.2729

255.0000, 0.0000,
0.0000

■ 159.5700,
-28.3820, -43.4729

■ 228.7380,
-23.0418, -29.5882

■ 131.9120,
-27.0716, -43.7728

■ 240.6010,
-15.0863, -14.5591

■ 104.8410,
-26.0506, -44.5876

■ 252.5780, -6.6940,
0.3701

■ 76.2640, -24.2872,
-50.2205

■ 52.8300, -26.0452,
-46.3319

■ 38.1550, -18.8104,
-33.4619

■ 25.2410, -12.4438,

-22.1364

■ 7.6310, -3.7621,
-6.6924

■ 0.0000, 0.0000,
0.0000

■ 187.3420,
-29.2556, -43.2729

■ 187.3420,
-29.2556, -43.2729

■ 178.8540,
-35.9170, -53.3690

■ 195.8300,
-22.5942, -33.1769

■ 170.2520,
-43.0152, -63.3650

■ 204.4320,
-15.4960, -23.1809

■ 161.7640,
-49.6767, -73.4610

■ 212.9200, -8.8346,
-13.0848

■ 153.1620,
-56.7749, -83.4571

■ 221.5220, -1.7363,
-3.0888

■ 144.6740,
-63.4363, -93.5531

■ 230.0100, 4.9251,
7.0072

■ 138.3650,
-68.2139, -101.1751

■ 236.8030, 8.9711,
15.9588

Harmonies

Analogous

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



195.5580, -50.0681, 5.6496



187.3420, -29.2556, -43.2729



156.7150, 11.4795, -135.6851

Triad

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



187.3420, -29.2556, -43.2729



155.8620, 48.8750, -136.6910



188.4850, -8.6201, 58.3337

Complementary

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



187.3420, -29.2556, -43.2729



164.6580, 29.2556, 43.2729

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.



195.4560, 15.5512, 52.2201



187.3420, -29.2556, -43.2729



196.4360, 28.8721, -20.5534

Square

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



187.3420, -29.2556, -43.2729



162.3190, 45.6917, -142.3538



207.7300, 23.3041, 38.8248



191.7040, -34.3641, 55.5106

Rectangle

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



187.3420, -29.2556, -43.2729



161.1500, 28.5200, -141.3286



207.7300, 23.3041, 38.8248



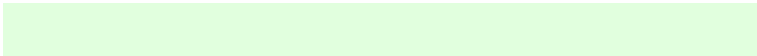
190.0640, -0.0316, 56.9489

Sweetspot

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



187.3420, -29.2556, -43.2729



242.2680, -9.9921, -15.1440



206.5990, -38.7493, 15.2607



119.9250, -6.3720, -9.5812



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.



187.3420, -29.2556, -43.2729



205.1970, -39.5371, -58.9318



188.5700, -11.6200, -53.1199



107.7560, -3.3307, -5.0480



108.6940, -53.5861, -79.5386



29.6710, -14.6278, -21.6365

Inverse Universe

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



164.6580, 29.2556, 43.2729



174.5040, 39.6845, 58.3170



163.4300, 11.6200, 53.1199



105.2440, 3.3307, 5.0480



67.3060, 53.5861, 79.5386



18.3290, 14.6278, 21.6365

Previews

White Background



This preview shows how the YUV color 187.3420, -29.2556, -43.2729 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 187.3420, -29.2556, -43.2729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

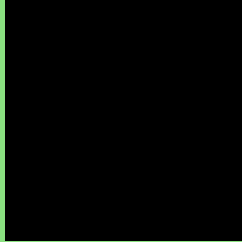
Any Text WCAG AA ✓ Pass

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 187.3420, -29.2556, -43.2729 Background



This preview shows how black text looks on a background with the YUV color 187.3420, -29.2556, -43.2729.



This preview shows how white text looks on a background with the YUV color 187.3420, -29.2556, -43.2729.

-43.2729.

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

187.3420, -29.2556, -43.2729

Protanopia

199.2190, -39.0550, 19.9789

Deuteranopia

201.9250, -32.9940, 36.0228



Tritanopia

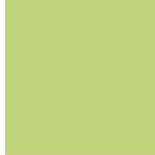
197.4930, 15.5330, -35.5124

Trichromacy



Original Color

187.3420, -29.2556, -43.2729



Protanomaly

194.9880, -35.4901, -3.4975



Deuteranomaly

196.6780, -31.8863, 7.2984



Tritanomaly

193.5300, -0.7543, -38.1758

Monochromacy



Original Color

187.3420, -29.2556, -43.2729



Achromatopsia

187.0000, 0.0000, 0.0000



Achromatomaly

186.8550, -10.2815, -15.6588

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.3420, -29.2556, -43.2729 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(138, 224, 128)` looks like.

```
.text, #text, p{  
    color:rgb(138, 224, 128)  
}
```

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(138, 224, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 224, 128) }
```

Border

The CSS property to change the border of an element to YUV 187.3420, -29.2556, -43.2729 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(138, 224, 128) }
```


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

```
.border{ border-color:rgb(138, 224, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 224, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 224, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 224, 128);  
box-shadow:4px 4px 4px 4px rgb(138, 224,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 187.3420, -29.2556, -43.2729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 224, 128) }
```

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

```
.background{ background-color: rgb(138,  
224, 128) }
```

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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