

Converting Colors

YUV(193.0720, -36.0245,
28.0009)

Have a look what the booklet for
YUV(193.0720, -36.0245, 28.0009)
contains.

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Color

**YUV(193.0720, -36.0245,
28.0009)**

Conversions

Conversions Part 1

Format	Color
Hex	E1BF78
RGB	225, 191, 120
RGB Percent	88%, 75%, 47%
CMY	0.1176, 0.2510, 0.5294
CMYK	0.00, 0.15, 0.47, 0.12
HSL	41°, 64%, 68%
HSV	41°, 47%, 88%
XYZ	53.0723, 54.6252, 25.5158
YIQ	193.0720, 43.0550, -14.8730

Conversions

Conversions Part 2

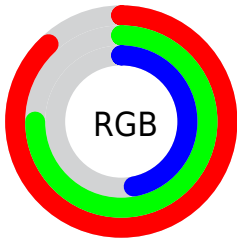
Format	Color
RYB	170, 225, 120
Decimal	14794616
CIELab	78.82, 3.00, 40.19
CIELCh	79, 40.298, 85.727
Yxy	54.6252, 0.3984, 0.4101
Android (android.graphics.Color)	4292984696 (0xFFE1BF78)
YUV	193.0720, -36.0245, 28.0009
Hunter-Lab	73.9089, -1.1637, 31.2673

Details

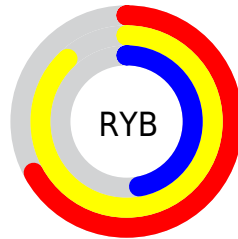
The YUV color **193.0720, -36.0245, 28.0009** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **151.9280, 36.0245, -28.0009**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.9560, -33.5023, 12.3166**, and **139.2180, -34.1245, 25.2418** is the 20% darker color. If you saturate the color by 10%, you get **186.4550, -43.6083, 33.8040**, and if you desaturate by 10%, it is **199.6890, -28.4407, 22.1977**.

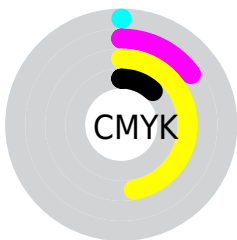
Distribution



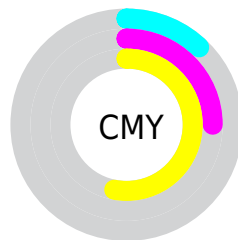
- Red (88%)
- Green (75%)
- Blue (47%)



- Red (67%)
- Yellow (88%)
- Blue (47%)



- Cyan (0%)
- Magenta (15%)
- Yellow (47%)
- Black (12%)



- Cyan (12%)
- Magenta (25%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.0720, -36.0245, 28.0009 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 193.0720, -36.0245, 28.0009 by changing the saturation by 10% instead.

■ 193.0720,
-36.0245, 28.0009

■ 193.0720,
-36.0245, 28.0009

255.0000, 0.0000,
0.0000

■ 165.5880,
-35.2929, 26.6713

■ 240.9560,
-33.5023, 12.3166

■ 139.2180,
-34.1245, 25.2418

■ 248.8440,
-23.5871, 5.3988

■ 112.7340,
-33.3929, 23.9123

■ 252.0360,
-11.3567, 2.5994

■ 87.8370, -32.9506,
22.0680

■ 63.8690, -31.4874,
19.4089

■ 43.4800, -21.4356,
15.3650

■ 24.2650, -11.9626,

10.2916

■ 0.0000, 0.0000,
0.0000

■ 193.0720,
-36.0245, 28.0009

■ 193.0720,
-36.0245, 28.0009

■ 186.4550,
-43.6083, 33.8040

■ 199.6890,
-28.4407, 22.1977

■ 179.1370,
-51.3395, 40.2219

■ 207.0070,
-20.7095, 15.7799

■ 172.5200,
-58.9234, 46.0250

■ 213.7380,
-12.6888, 9.8768

■ 165.7890,
-66.9440, 51.9280

■ 220.3550, -5.1050,
4.0737

■ 159.1720,
-74.5278, 57.7312

■ 227.0860, 2.9156,
-1.8294

■ 156.4990,
-77.1540, 60.0754

■ 234.2900, 10.2100,
-8.1473

■ 238.3990, 8.1843,
-11.7509

■ 242.5080, 6.1586,
-15.3545

■ 246.0300, 4.4222,
-18.4433

Harmonies

Analogous

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



195.7080, -30.4220, 51.1221



193.0720, -36.0245, 28.0009



189.4380, -31.2749, -2.1381

Triad

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



193.0720, -36.0245, 28.0009



166.6200, 29.2743, -103.1527



200.1330, 18.6684, 32.3324

Complementary

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



193.0720, -36.0245, 28.0009



151.9280, 36.0245, -28.0009

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.



196.2470, 28.9652, -3.7246



193.0720, -36.0245, 28.0009



173.2700, 40.2929, -90.5678

Square

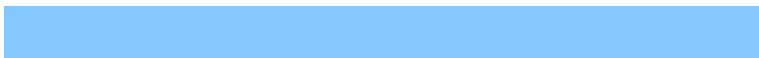
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



193.0720, -36.0245, 28.0009



176.0420, 5.8953, -71.0738



185.9380, 34.0476, -47.3036



197.3020, 2.3161, 50.6011

Rectangle

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



193.0720, -36.0245, 28.0009



186.1130, -21.7477, -24.6551



185.9380, 34.0476, -47.3036



199.7340, 23.7951, 21.2813

Sweetspot

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



193.0720, -36.0245, 28.0009



243.8520, -12.2520, 9.7768



155.3850, -0.1898, 61.0524



120.7960, -7.2944, 6.3179



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.



193.0720, -36.0245, 28.0009



211.6960, -49.1501, 37.9776



207.6480, -43.2105, -0.5683



108.9850, -3.9366, 2.6442



122.4770, -60.3812, 46.9397



33.7230, -16.6254, 12.5209

Inverse Universe

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



151.9280, 36.0245, -28.0009



155.3040, 49.1501, -37.9776



137.0530, 43.3579, -0.0465



104.6020, 3.6472, -3.1590



53.5230, 60.3812, -46.9397



14.8640, 16.3360, -13.0357

Previews

White Background



This preview shows how the YUV color 193.0720, -36.0245, 28.0009 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 193.0720, -36.0245, 28.0009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

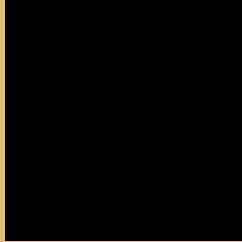
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 193.0720, -36.0245, 28.0009

Background



This preview shows how black text looks on a background with the YUV color 193.0720, -36.0245, 28.0009.



This preview shows how white text looks on a background with the YUV color 193.0720, -36.0245, 28.0009.

28.0009.

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

193.0720, -36.0245, 28.0009

Protanopia

192.0600, -34.5396, 18.3644

Deuteranopia

194.1270, -36.0516, 36.7226



Tritanopia

198.5460, -1.2552, 29.3392

Trichromacy



Original Color

193.0720, -36.0245, 28.0009

Protanomaly

192.5550, -35.2766, 21.4383

Deuteranomaly

193.5180, -35.7514, 33.7487

Tritanomaly

196.2180, -13.9115, 28.7498

Monochromacy



Original Color

193.0720, -36.0245, 28.0009

Achromatopsia

193.0000, 0.0000, 0.0000

Achromatomaly

192.9230, -13.2730, 10.5915

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.0720, -36.0245, 28.0009 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(225, 191, 120)` looks like.

```
.text, #text, p{  
    color:rgb(225, 191, 120)  
}
```

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(225, 191, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 191, 120) }
```

Border

The CSS property to change the border of an element to YUV 193.0720, -36.0245, 28.0009 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(225, 191, 120) }
```


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

```
.border{ border-color:rgb(225, 191, 120) }
```

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

Here you see how a box with a 4 pixel rgb(225, 191, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 191, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 191, 120);  
box-shadow:4px 4px 4px 4px rgb(225, 191,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 193.0720, -36.0245, 28.0009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 191, 120) }
```

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

```
.background{ background-color: rgb(225,  
191, 120) }
```

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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