

Converting Colors

YUV(210.7950, -56.1009,
27.3668)

Have a look what the booklet for
YUV(210.7950, -56.1009, 27.3668)
contains.

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Color

**YUV(210.7950, -56.1009,
27.3668)**

Conversions

Conversions Part 1

Format	Color
Hex	F2D961
RGB	242, 217, 97
RGB Percent	95%, 85%, 38%
CMY	0.0510, 0.1490, 0.6196
CMYK	0.00, 0.10, 0.60, 0.05
HSL	50°, 85%, 66%
HSV	50°, 60%, 95%
XYZ	63.5885, 69.3660, 21.3468
YIQ	210.7950, 53.4200, -32.0200

Conversions

Conversions Part 2

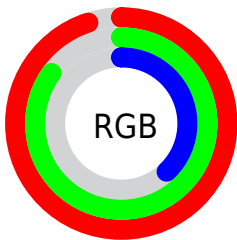
Format	Color
RYB	127, 242, 97
Decimal	15915361
CIELab	86.68, -5.30, 60.86
CIELCh	87, 61.088, 94.981
Yxy	69.3660, 0.4121, 0.4495
Android (android.graphics.Color)	4294105441 (0xFFFF2D961)
YUV	210.7950, -56.1009, 27.3668
Hunter-Lab	83.2863, -9.4675, 43.1040

Details

The YUV color $210.7950, -56.1009, 27.3668$ is a light color, and the websafe version is hex FFCC66 . A complement of this color would be $128.2050, 56.1009, -27.3668$, and the grayscale version is $211.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.1440, -45.4270, 10.3977$, and $154.5990, -55.5113, 24.9077$ is the 20% darker color. If you saturate the color by 10%, you get $205.7110, -65.4265, 31.8255$, and if you desaturate by 10%, it is $215.8790, -46.7753, 22.9081$.

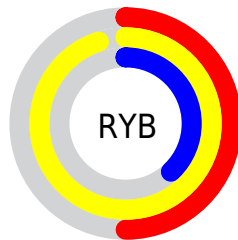
Distribution



Red (95%)

Green (85%)

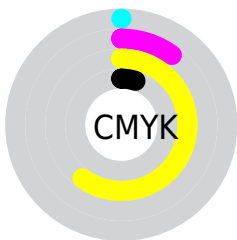
Blue (38%)



Red (50%)

Yellow (95%)

Blue (38%)

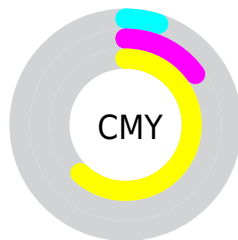


Cyan (0%)

Magenta (10%)

Yellow (60%)

Black (5%)



Cyan (5%)

Magenta (15%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 210.7950, -56.1009, 27.3668 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 210.7950, -56.1009, 27.3668 by changing the saturation by 10% instead.

■ 210.7950,
-56.1009, 27.3668

■ 210.7950,
-56.1009, 27.3668

■ 255.0000, 0.0000,
0.0000

■ 182.3110,
-55.3693, 26.0373

■ 243.1440,
-45.4270, 10.3977

■ 154.5990,
-55.5113, 24.9077

■ 246.3360,
-33.1966, 7.5983

■ 126.1060,
-61.1843, 24.4630

■ 249.6420,
-20.5295, 4.6990

■ 102.8310,
-50.6957, 20.3192

■ 252.9480, -7.8624,
1.7996

■ 80.6700, -39.7703,
16.0754

■ 59.0960, -29.1343,
11.3168

■ 38.4080, -18.9351,

6.6582

■ 19.4810, -9.6041,
0.4552

■ 0.0000, 0.0000,
0.0000

■ 210.7950,
-56.1009, 27.3668

■ 210.7950,
-56.1009, 27.3668

■ 205.7110,
-65.4265, 31.8255

■ 215.8790,
-46.7753, 22.9081

■ 200.6270,
-74.7521, 36.2841

■ 220.9630,
-37.4498, 18.4494

■ 194.8420,
-84.2251, 41.3576

■ 226.7480,
-27.9768, 13.3760

■ 189.7580,
-93.5507, 45.8162

■ 231.8320,
-18.6512, 8.9173

■ 236.9160, -9.3256,
4.4587

■ 242.0000, 0.0000,
0.0000

■ 245.8300, 4.5208,
-3.3589

■ 248.1780, 3.3632,
-5.4181

■ 251.1130, 1.9163,
-7.9921

Harmonies

Analogous

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



204.0650, -45.3880, 44.6700



210.7950, -56.1009, 27.3668



204.3420, -42.5666, -20.4709

Triad

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



210.7950, -56.1009, 27.3668



172.8850, 40.4827, -151.6201



209.2140, 22.5725, 40.1543

Complementary

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



210.7950, -56.1009, 27.3668



128.2050, 56.1009, -27.3668

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.



215.2620, 19.5908, 16.4332



210.7950, -56.1009, 27.3668



167.6020, 43.0872, -146.9870

Square

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



210.7950, -56.1009, 27.3668



170.0520, 27.0894, -149.1356



197.9770, 28.1123, -56.9848



198.8010, 5.5211, 49.2865

Rectangle

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



210.7950, -56.1009, 27.3668



197.2200, -24.2655, -57.1979



197.9770, 28.1123, -56.9848



212.7360, 20.8362, 37.0655

Sweetspot

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



210.7950, -56.1009, 27.3668



245.0600, -17.7776, 8.7174



143.4330, -9.5805, 86.4433



121.7590, -11.2202, 5.4734



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.



210.7950, -56.1009, 27.3668



215.2400, -71.1103, 34.8695



211.7160, -56.5550, -13.7829



117.4580, -4.6628, 2.2293



144.2400, -71.1103, 34.8695



43.7460, -21.5668, 10.7468

Inverse Universe

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



128.2050, 56.1009, -27.3668



110.7600, 71.1103, -34.8695



127.2840, 56.5550, 13.7829



110.5420, 4.6628, -2.2293



39.7600, 71.1103, -34.8695



12.2540, 21.5668, -10.7468

Previews

White Background



This preview shows how the YUV color 210.7950, -56.1009, 27.3668 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 210.7950, -56.1009, 27.3668 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 210.7950, -56.1009, 27.3668

Background



This preview shows how black text looks on a background with the YUV color 210.7950, -56.1009, 27.3668.



This preview shows how white text looks on a background with the YUV color 210.7950, -56.1009, 27.3668.

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

210.7950, -56.1009, 27.3668

Protanopia

210.4960, -55.9535, 26.7520

Deuteranopia

216.0450, -35.0252, 34.1635



Tritanopia

220.4750, -0.2342, 28.5244

Trichromacy



Original Color

210.7950, -56.1009, 27.3668

Protanomaly

210.4960, -55.9535, 26.7520

Deuteranomaly

214.3730, -42.5819, 31.2449

Tritanomaly

217.0840, -20.7474, 27.9903

Monochromacy



Original Color

210.7950, -56.1009, 27.3668

Achromatopsia

211.0000, 0.0000, 0.0000

Achromatomaly

210.7890, -20.1090, 9.8320

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.7950, -56.1009, 27.3668 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(242, 217, 97)` looks like.

```
.text, #text, p{  
    color:rgb(242, 217, 97)  
}
```

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(242, 217, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 217, 97) }
```

Border

The CSS property to change the border of an element to YUV 210.7950, -56.1009, 27.3668 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(242, 217, 97) }
```


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

```
.border{ border-color:rgb(242, 217, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 217, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 217, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 217, 97);  
box-shadow:4px 4px 4px 4px rgb(242, 217,  
97) }
```

Background

The CSS property to change the background color of an element to YUV 210.7950, -56.1009, 27.3668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 217, 97) }
```

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

```
.background{ background-color: rgb(242,  
217, 97) }
```

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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