

Converting Colors

YUV(223.7610, -51.1542,
27.3966)

Have a look what the booklet for
YUV(223.7610, -51.1542, 27.3966)
contains.

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Color

**YUV(223.7610, -51.1542,
27.3966)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE478
RGB	255, 228, 120
RGB Percent	100%, 89%, 47%
CMY	0.0000, 0.1059, 0.5294
CMYK	0.00, 0.11, 0.53, 0.00
HSL	48°, 100%, 74%
HSV	48°, 53%, 100%
XYZ	72.3736, 78.1029, 29.0302
YIQ	223.7610, 50.7600, -27.8640

Conversions

Conversions Part 2

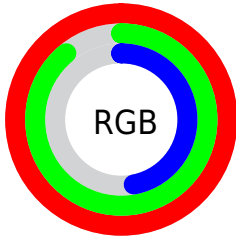
Format	Color
R_{YB}	154, 255, 120
Decimal	16770168
CIE _{Lab}	90.83, -3.88, 55.46
CIE _{LCh}	91, 55.596, 94.002
Yxy	78.1029, 0.4032, 0.4351
Android (android.graphics.Color)	4294960248 (0xFFFFE478)
YUV	223.7610, -51.1542, 27.3966
Hunter-Lab	88.3758, -8.4788, 42.3872

Details

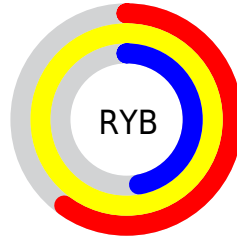
The YUV color **223.7610, -51.1542, 27.3966** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **151.2390, 51.1542, -27.3966**, and the grayscale version is **224.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.8800, -34.9438, 7.9982**, and **167.7930, -49.6909, 24.7375** is the 20% darker color. If you saturate the color by 10%, you get **217.9760, -60.6272, 32.4700**, and if you desaturate by 10%, it is **229.6600, -41.2444, 22.2232**.

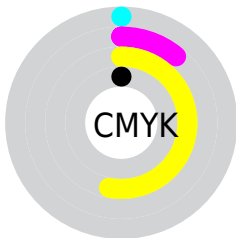
Distribution



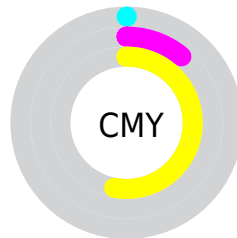
- Red (100%)
- Green (89%)
- Blue (47%)



- Red (60%)
- Yellow (100%)
- Blue (47%)



- Cyan (0%)
- Magenta (11%)
- Yellow (53%)
- Black (0%)



- Cyan (0%)
- Magenta (11%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 223.7610, -51.1542, 27.3966 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 223.7610, -51.1542, 27.3966 by changing the saturation by 10% instead.

■ 223.7610,
-51.1542, 27.3966

■ 223.7610,
-51.1542, 27.3966

■ 255.0000, 0.0000,
0.0000

■ 195.2770,
-50.4226, 26.0671

■ 245.8800,
-34.9438, 7.9982

■ 167.7930,
-49.6909, 24.7375

■ 249.0720,
-22.7135, 5.1989

■ 140.1950,
-49.3961, 23.5080

■ 252.3780,
-10.0464, 2.2995

■ 113.1580,
-53.3219, 22.6634

■ 89.5410, -44.1437,
18.8195

■ 68.2660, -33.6551,
14.6757

■ 47.2790, -23.3085,

9.4023

■ 27.4770, -13.5462,
4.8437

■ 3.5220, -1.7363,
-3.0888

■ 223.7610,
-51.1542, 27.3966

■ 223.7610,
-51.1542, 27.3966

■ 217.9760,
-60.6272, 32.4700

■ 229.6600,
-41.2444, 22.2232

■ 212.0770,
-70.5370, 37.6435

■ 235.4450,
-31.7714, 17.1497

■ 206.2920,
-80.0100, 42.7169

■ 241.2300,
-22.2984, 12.0763

■ 200.3930,
-89.9197, 47.8903

■ 247.1290,
-12.3886, 6.9029

■ 195.9930,
-96.6245, 51.7491

■ 253.6150, -2.7682,
1.2146

255.0000, 0.0000,
0.0000

Harmonies

Analogous

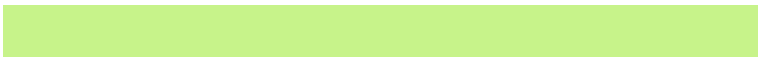
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



214.2040, -39.5406, 35.7781



223.7610, -51.1542, 27.3966



217.8740, -39.3779, -16.5525

Triad

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



223.7610, -51.1542, 27.3966



178.7550, 37.5888, -156.7681



219.1930, 17.6529, 31.4027

Complementary

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



223.7610, -51.1542, 27.3966



151.2390, 51.1542, -27.3966

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.



226.1710, 14.2127, 14.7590



223.7610, -51.1542, 27.3966



174.0590, 39.9039, -152.6497

Square

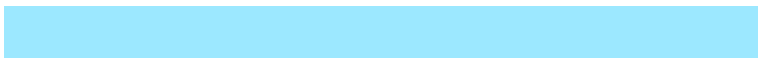
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



223.7610, -51.1542, 27.3966



176.3610, 28.4160, -154.6686



211.8980, 21.2493, -49.0225



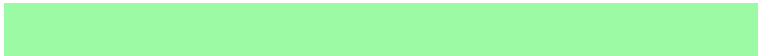
210.3760, 6.7166, 39.1352

Rectangle

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



223.7610, -51.1542, 27.3966



212.0900, -23.7084, -49.1909



211.8980, 21.2493, -49.0225



222.1280, 16.2059, 28.8287

Sweetspot

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



223.7610, -51.1542, 27.3966



245.6300, -15.5936, 8.2175



163.4430, -8.1064, 80.2955



122.2150, -9.4730, 5.0734



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

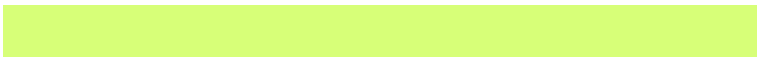
The Same Dimension uses a secret algorithm to generate beautiful new colors.



223.7610, -51.1542, 27.3966



217.0470, -61.6482, 33.2848



227.6500, -53.0714, -11.0941



124.7570, -4.8102, 2.8441



146.9200, -72.4316, 38.6582



49.0730, -24.1930, 13.0910

Inverse Universe

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



151.2390, 51.1542, -27.3966



129.3660, 61.9376, -32.7700



147.6490, 52.9240, 11.7088



117.6560, 5.0996, -2.3293



44.0800, 72.4316, -38.6582



14.9270, 24.1930, -13.0910

Previews

White Background



This preview shows how the YUV color 223.7610, -51.1542, 27.3966 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 223.7610, -51.1542, 27.3966 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 223.7610, -51.1542, 27.3966

Background



This preview shows how black text looks on a background with the YUV color 223.7610, -51.1542, 27.3966.



This preview shows how white text looks on a background with the YUV color 223.7610, -51.1542, 27.3966.

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

223.7610, -51.1542, 27.3966

Protanopia

223.4510, -51.0013, 25.0375

Deuteranopia

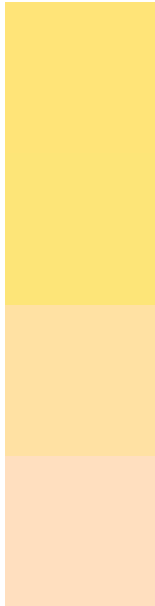
229.0510, -20.7311, 22.7573



Tritanopia

231.7190, -0.3545, 20.4174

Trichromacy



Original Color

223.7610, -51.1542, 27.3966

Protanomaly

223.7500, -51.1487, 25.6522

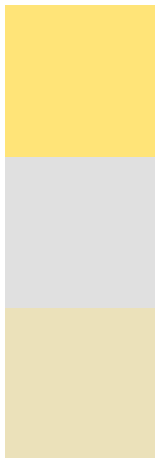
Deuteranomaly

226.9020, -31.5037, 24.6419

Tritanomaly

228.9200, -18.6946, 22.8722

Monochromacy



Original Color

223.7610, -51.1542, 27.3966

Achromatopsia

224.0000, 0.0000, 0.0000

Achromatomaly

223.5440, -18.5092, 10.0469

CSS Examples

Text

The CSS property to change the color of the text to YUV 223.7610, -51.1542, 27.3966 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(255, 228, 120)` looks like.

```
.text, #text, p{  
    color:rgb(255, 228, 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(255, 228, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 228, 120) }
```

Border

The CSS property to change the border of an element to YUV 223.7610, -51.1542, 27.3966 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(255, 228, 120) }
```


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

```
.border{ border-color:rgb(255, 228, 120) }
```

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

Here you see how a box with a 4 pixel rgb(255, 228, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 228, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 228, 120);  
box-shadow:4px 4px 4px 4px rgb(255, 228,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 223.7610, -51.1542, 27.3966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 228, 120) }
```

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

```
.background{ background-color: rgb(255,  
228, 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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