

Converting Colors

YUV(213.9360, -76.8764,
17.5961)

Have a look what the booklet for
YUV(213.9360, -76.8764, 17.5961)
contains.

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Color

**YUV(213.9360, -76.8764,
17.5961)**

Conversions

Conversions Part 1

Format	Color
Hex	EAEA3A
RGB	234, 234, 58
RGB Percent	92%, 92%, 23%
CMY	0.0824, 0.0824, 0.7725
CMYK	0.00, 0.00, 0.75, 0.08
HSL	60°, 81%, 57%
HSV	60°, 75%, 92%
XYZ	64.1182, 76.6436, 15.4173
YIQ	213.9360, 56.4960, -54.7360

Conversions

Conversions Part 2

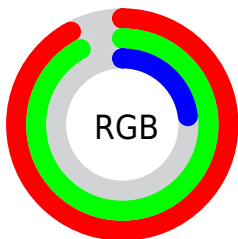
Format	Color
RYB	58, 234, 58
Decimal	15395386
CIELab	90.16, -19.06, 78.79
CIELCh	90, 81.060, 103.599
Yxy	76.6436, 0.4105, 0.4907
Android (android.graphics.Color)	4293585466 (0xFFEAEA3A)
YUV	213.9360, -76.8764, 17.5961
Hunter-Lab	87.5463, -22.4740, 50.8412

Details

The YUV color $213.9360, -76.8764, 17.5961$ is a light color, and the websafe version is hex `CCCC00`. The color can be described as light washed yellow. A complement of this color would be $78.0640, 76.8764, -17.5961$, and the grayscale version is $215.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $239.4960, -59.4045, 13.5970$, and $157.0990, -77.4498, 14.8222$ is the 20% darker color. If you saturate the color by 10%, you get $211.3140, -86.9228, 19.8956$, and if you desaturate by 10%, it is $216.5580, -66.8301, 15.2966$.

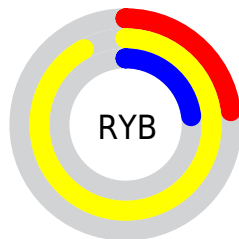
Distribution



Red (92%)

Green (92%)

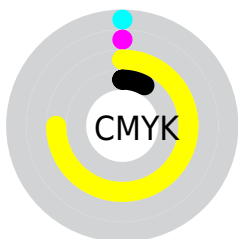
Blue (23%)



Red (23%)

Yellow (92%)

Blue (23%)

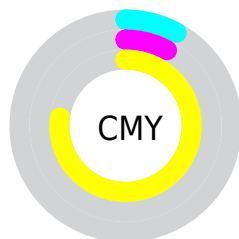


Cyan (0%)

Magenta (0%)

Yellow (75%)

Black (8%)



Cyan (8%)

Magenta (8%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.9360, -76.8764, 17.5961 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 213.9360, -76.8764, 17.5961 by changing the saturation by 10% instead.

213.9360,
-76.8764, 17.5961

213.9360,
-76.8764, 17.5961

255.0000, 0.0000,
0.0000

183.6280,
-83.1336, 17.8662

239.4960,
-59.4045, 13.5970

157.0990,
-77.4498, 14.8222

242.6880,
-47.1742, 10.7976

132.5790,
-65.3614, 10.8932

245.9940,
-34.5070, 7.8983

108.9450,
-53.7099, 7.0642

249.4140,
-21.4031, 4.8989

85.8980, -42.3477,
2.7205

252.7200, -8.7360,
1.9996

64.0250, -31.5643,
-2.6529

42.7500, -21.0757,

-6.7968

■ 21.7520, -10.7237,
-13.8145

■ 0.5870, -0.2894,
-0.5148

■ 213.9360,
-76.8764, 17.5961

■ 213.9360,
-76.8764, 17.5961

■ 211.3140,
-86.9228, 19.8956

■ 216.5580,
-66.8301, 15.2966

■ 208.5780,
-97.4060, 22.2951

■ 219.2940,
-56.3469, 12.8972

■ 207.3240,
-102.2107, 23.3949

■ 221.9160,
-46.3006, 10.5977

■ 224.6520,
-35.8174, 8.1982

■ 227.2740,
-25.7711, 5.8987

■ 229.8960,
-15.7247, 3.5992

■ 232.6320, -5.2416,
1.1997

■ 235.2540, 4.8048,
-1.0998

■ 236.3940, 9.1728,
-2.0995

Harmonies

Analogous

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



205.5060, -67.7905, 43.4062



213.9360, -76.8764, 17.5961



203.7760, -47.7106, -50.6696

Triad

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



213.9360, -76.8764, 17.5961



178.7550, 37.5888, -156.7681



199.8220, 27.2028, 48.3911

Complementary

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



213.9360, -76.8764, 17.5961



78.0640, 76.8764, -17.5961

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.



217.4320, 18.5210, 32.9471



213.9360, -76.8764, 17.5961



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.



213.9360, -76.8764, 17.5961



178.7550, 37.5888, -156.7681



202.4290, 25.9175, -52.9962



189.4600, 2.7312, 57.4786

Rectangle

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



213.9360, -76.8764, 17.5961



175.9120, -10.8026, -128.8418



202.4290, 25.9175, -52.9962



204.5180, 24.8876, 44.2727

Sweetspot

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



213.9360, -76.8764, 17.5961



248.2740, -25.7711, 5.8987



110.6240, -25.9436, 108.2008



123.8960, -15.7247, 3.5992



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.



213.9360, -76.8764, 17.5961



228.7800, -100.4635, 22.9949



187.6240, -63.9046, -36.5042



115.7460, -4.8048, 1.0998



160.3660, -79.0604, 18.0960



47.8440, -23.5871, 5.3988

Inverse Universe

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



78.0640, 76.8764, -17.5961



51.2200, 100.4635, -22.9949



104.3760, 63.9046, 36.5042



107.2540, 4.8048, -1.0998



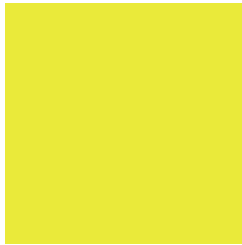
20.6340, 79.0604, -18.0960



6.1560, 23.5871, -5.3988

Previews

White Background



This preview shows how the YUV color 213.9360, -76.8764, 17.5961 looks on a white background.

Color Contrast Check

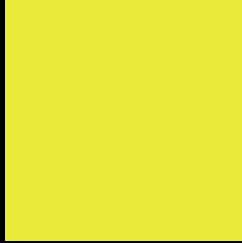
Large Text (above 18pt) WCAG AA × Fail

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 213.9360, -76.8764, 17.5961 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 213.9360, -76.8764, 17.5961 Background



This preview shows how black text looks on a background with the YUV color 213.9360, -76.8764, 17.5961.



This preview shows how white text looks on a background with the YUV color 213.9360, -76.8764,

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

213.9360, -76.8764, 17.5961

Protanopia

215.8780, -78.8199, 34.3100

Deuteranopia

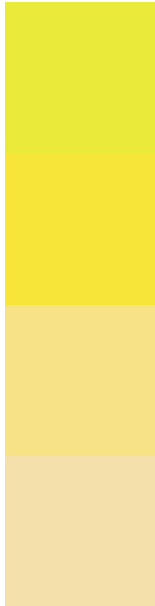
226.0360, -24.6677, 25.4014



Tritanopia

229.2070, 2.8559, 17.3585

Trichromacy



Original Color

213.9360, -76.8764, 17.5961

Protanomaly

215.3610, -78.0720, 27.7474

Deuteranomaly

221.6770, -43.7178, 22.2083

Tritanomaly

223.9380, -26.0984, 17.5944

Monochromacy



Original Color

213.9360, -76.8764, 17.5961

Achromatopsia

214.0000, 0.0000, 0.0000

Achromatomaly

213.7040, -27.9551, 6.3986

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.9360, -76.8764, 17.5961 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(234, 234, 58)` looks like.

```
.text, #text, p{  
    color:rgb(234, 234, 58)  
}
```

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(234, 234, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 234, 58) }
```

Border

The CSS property to change the border of an element to YUV 213.9360, -76.8764, 17.5961 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(234, 234, 58) }
```


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

```
.border{ border-color:rgb(234, 234, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 234, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 234, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 234, 58);  
box-shadow:4px 4px 4px 4px rgb(234, 234,  
58) }
```

Background

The CSS property to change the background color of an element to YUV 213.9360, -76.8764, 17.5961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 234, 58) }
```

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

```
.background{ background-color: rgb(234,  
234, 58) }
```

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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