

Converting Colors

YUV(214.5160, -89.9804,
20.5955)

Have a look what the booklet for
YUV(214.5160, -89.9804, 20.5955)
contains.

YUV(214.5160, -89.9804, 20.5955)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(214.5160, -89.9804,
20.5955)**

Conversions

Conversions Part 1

Format	Color
Hex	EEEE20
RGB	238, 238, 32
RGB Percent	93%, 93%, 13%
CMY	0.0667, 0.0667, 0.8745
CMYK	0.00, 0.00, 0.87, 0.07
HSL	60°, 86%, 53%
HSV	60°, 87%, 93%
XYZ	66.0951, 79.4305, 13.2145
YIQ	214.5160, 66.1260, -64.0660

Conversions

Conversions Part 2

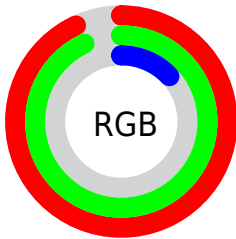
Format	Color
R _Y B	32, 238, 32
Decimal	15658528
CIE Lab	91.43, -20.08, 86.20
CIE LCh	91, 88.509, 103.112
Yxy	79.4305, 0.4164, 0.5004
Android (android.graphics.Color)	4293848608 (0xFFEEEE20)
YUV	214.5160, -89.9804, 20.5955
Hunter-Lab	89.1238, -23.5891, 53.5956

Details

The YUV color **214.5160, -89.9804, 20.5955** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **55.4840, 89.9804, -20.5955**, and the grayscale version is **215.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.6720, -66.3933, 15.1967**, and **160.0560, -78.9076, 15.7369** is the 20% darker color. If you saturate the color by 10%, you get **211.7800, -100.4635, 22.9949**, and if you desaturate by 10%, it is **217.2520, -79.4972, 18.1960**.

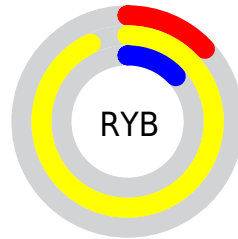
Distribution



Red (93%)

Green (93%)

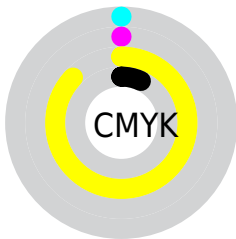
Blue (13%)



Red (13%)

Yellow (93%)

Blue (13%)

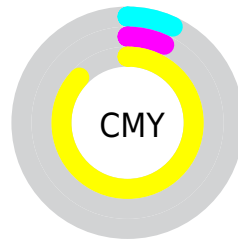


Cyan (0%)

Magenta (0%)

Yellow (87%)

Black (7%)



Cyan (7%)

Magenta (7%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.5160, -89.9804, 20.5955 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 214.5160, -89.9804, 20.5955 by changing the saturation by 10% instead.

214.5160,
-89.9804, 20.5955

214.5160,
-89.9804, 20.5955

255.0000, 0.0000,
0.0000

185.4620,
-91.4328, 19.7658

237.6720,
-66.3933, 15.1967

160.0560,
-78.9076, 15.7369

241.0920,
-53.2894, 12.1973

135.8240,
-66.9612, 10.6784

244.3980,
-40.6222, 9.2980

111.8910,
-55.1623, 6.2346

247.8180,
-27.5183, 6.2986

88.8440, -43.8001,
1.8908

251.2380,
-14.4143, 3.2993

66.3840, -32.7273,
-2.9678

254.6580, -1.3104,

44.8100, -22.0913,

0.2999

-7.7264

■ 23.8230, -11.7447,
-12.9998

■ 5.8700, -2.8939,
-5.1480

■ 214.5160,
-89.9804, 20.5955

■ 214.5160,
-89.9804, 20.5955

■ 211.7800,
-100.4635, 22.9949

■ 217.2520,
-79.4972, 18.1960

■ 210.8680,
-103.9579, 23.7948

■ 219.9880,
-69.0141, 15.7965

■ 222.6100,
-58.9677, 13.4970

■ 225.3460,
-48.4846, 11.0976

■ 228.0820,
-38.0014, 8.6981

■ 230.8180,
-27.5183, 6.2986

■ 233.5540,
-17.0351, 3.8991

■ 236.1760, -6.9888,
1.5996

■ 238.9120, 3.4944,
-0.7998

Harmonies

Analogous

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



204.7420, -75.7948, 44.0763



214.5160, -89.9804, 20.5955



202.7880, -52.6465, -54.1881

Triad

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



214.5160, -89.9804, 20.5955



178.7550, 37.5888, -156.7681



196.8870, 28.6497, 50.9651

Complementary

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



214.5160, -89.9804, 20.5955



55.4840, 89.9804, -20.5955

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



214.5160, -89.9804, 20.5955



177.5810, 38.1676, -155.7385

Square

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



214.5160, -89.9804, 20.5955



178.7550, 37.5888, -156.7681



199.9820, 27.1239, -66.6362



185.5790, 5.6306, 60.8822

Rectangle

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



214.5160, -89.9804, 20.5955



166.6710, -8.7118, -146.1705



199.9820, 27.1239, -66.6362



202.7570, 25.7558, 45.8171

Sweetspot

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



214.5160, -89.9804, 20.5955



247.4760, -28.8287, 6.5985



93.5940, -30.3658, 126.6441



123.4400, -17.4719, 3.9991



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.



214.5160, -89.9804, 20.5955



225.9300, -111.3835, 25.4944



183.7190, -74.7975, -42.7266



118.6320, -5.2416, 1.1997



163.0240, -80.3708, 18.3960



49.6160, -24.4607, 5.5988

Inverse Universe

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



55.4840, 89.9804, -20.5955



29.0700, 111.3835, -25.4944



86.2810, 74.7975, 42.7266



109.3680, 5.2416, -1.1997



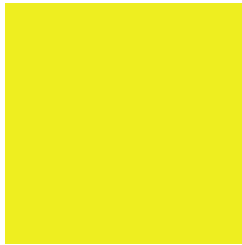
20.9760, 80.3708, -18.3960



6.3840, 24.4607, -5.5988

Previews

White Background



This preview shows how the YUV color 214.5160, -89.9804, 20.5955 looks on a white background.

Color Contrast Check

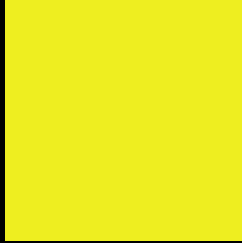
Large Text (above 18pt) WCAG AA × Fail

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 214.5160, -89.9804, 20.5955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

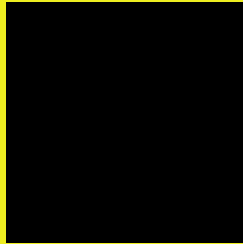
Any Text WCAG AA ✓ Pass

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 214.5160, -89.9804, 20.5955 Background



This preview shows how black text looks on a background with the YUV color 214.5160, -89.9804, 20.5955.



This preview shows how white text looks on a background with the YUV color 214.5160, -89.9804,

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

214.5160, -89.9804, 20.5955

Protanopia

223.5840, -59.4479, 27.5518

Deuteranopia

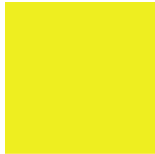
230.2250, -21.3099, 21.7277



Tritanopia

232.9190, 2.9979, 18.4880

Trichromacy



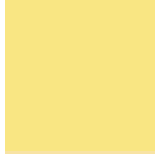
Original Color

214.5160, -89.9804, 20.5955



Protanomaly

220.5870, -70.7884, 24.9182



Deuteranomaly

224.3950, -46.0437, 21.5786



Tritanomaly

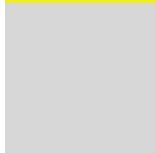
226.0970, -30.6138, 19.2089

Monochromacy



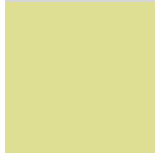
Original Color

214.5160, -89.9804, 20.5955



Achromatopsia

215.0000, 0.0000, 0.0000



Achromatomaly

214.4500, -32.7598, 7.4984

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.5160, -89.9804, 20.5955 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(238, 238, 32)` looks like.

```
.text, #text, p{  
    color:rgb(238, 238, 32)  
}
```

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(238, 238, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 238, 32) }
```

Border

The CSS property to change the border of an element to YUV 214.5160, -89.9804, 20.5955 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(238, 238, 32) }
```


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

```
.border{ border-color:rgb(238, 238, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 238, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 238, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 238, 32);  
box-shadow:4px 4px 4px 4px rgb(238, 238,  
32) }
```

Background

The CSS property to change the background color of an element to YUV 214.5160, -89.9804, 20.5955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 238, 32) }
```

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

```
.background{ background-color: rgb(238,  
238, 32) }
```

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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