

Converting Colors

YUV(204.7430, -63.9633,
29.1664)

Have a look what the booklet for
YUV(204.7430, -63.9633, 29.1664)
contains.

YUV(204.7430, -63.9633, 29.1664)	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(204.7430, -63.9633,
29.1664)**

Conversions

Conversions Part 1

Format	Color
Hex	EED54B
RGB	238, 213, 75
RGB Percent	93%, 84%, 29%
CMY	0.0667, 0.1647, 0.7059
CMYK	0.00, 0.11, 0.68, 0.07
HSL	51°, 83%, 61%
HSV	51°, 68%, 93%
XYZ	60.3241, 66.2736, 16.2693
YIQ	204.7430, 59.1980, -37.6180

Conversions

Conversions Part 2

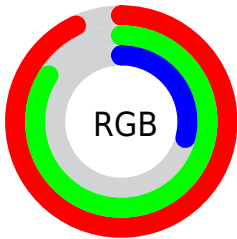
Format	Color
RYB	105, 238, 75
Decimal	15652171
CIELab	85.14, -6.24, 68.24
CIELCh	85, 68.528, 95.225
Yxy	66.2736, 0.4222, 0.4639
Android (android.graphics.Color)	4293842251 (0xFFEED54B)
YUV	204.7430, -63.9633, 29.1664
Hunter-Lab	81.4086, -10.1958, 45.1371

Details

The YUV color $204.7430, -63.9633, 29.1664$ is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be $108.2570, 63.9633, -29.1664$, and the grayscale version is $205.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $240.8640, -54.1630, 12.3973$, and $146.6690, -71.8148, 27.4773$ is the 20% darker color. If you saturate the color by 10%, you get $199.6590, -73.2889, 33.6251$, and if you desaturate by 10%, it is $209.8270, -54.6377, 24.7077$.

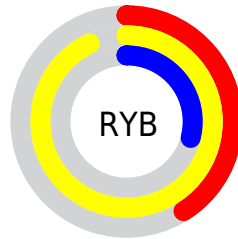
Distribution



Red (93%)

Green (84%)

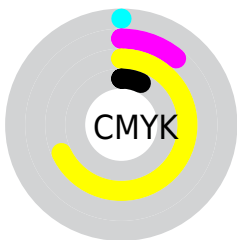
Blue (29%)



Red (41%)

Yellow (93%)

Blue (29%)

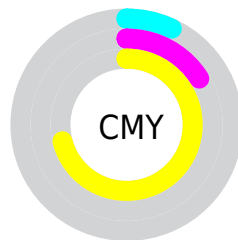


Cyan (0%)

Magenta (11%)

Yellow (68%)

Black (7%)



Cyan (7%)

Magenta (16%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.7430, -63.9633, 29.1664 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 204.7430, -63.9633, 29.1664 by changing the saturation by 10% instead.

■ 204.7430,
-63.9633, 29.1664

■ 204.7430,
-63.9633, 29.1664

■ 255.0000, 0.0000,
0.0000

■ 175.9170,
-64.5421, 28.1368

■ 240.8640,
-54.1630, 12.3973

■ 146.6690,
-71.8148, 27.4773

■ 244.0560,
-41.9326, 9.5979

■ 122.6220,
-60.4526, 23.1335

■ 247.2480,
-29.7023, 6.7985

■ 99.5750, -49.0905,
18.7897

■ 250.5540,
-17.0351, 3.8991

■ 77.1150, -38.0177,
13.9311

■ 253.8600, -4.3680,
0.9998

■ 55.5410, -27.3817,
9.1725

■ 35.7390, -17.6193,

4.6139

■ 15.3280, -7.5567,
-2.9187

■ 0.0000, 0.0000,
0.0000

■ 204.7430,
-63.9633, 29.1664

■ 204.7430,
-63.9633, 29.1664

■ 199.6590,
-73.2889, 33.6251

■ 209.8270,
-54.6377, 24.7077

■ 195.1620,
-82.9039, 37.5689

■ 214.3240,
-45.0227, 20.7639

■ 190.1920,
-91.7927, 41.9276

■ 219.2940,
-36.1339, 16.4052

■ 189.1490,
-93.2505, 42.8423

■ 224.3780,
-26.8084, 11.9465

■ 228.8750,
-17.1934, 8.0026

■ 233.9590, -7.8678,
3.5440

■ 239.0430, 1.4578,
-0.9147

■ 242.2860, 6.2680,
-3.7588

■ 244.6340, 5.1104,
-5.8180

Harmonies

Analogous

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



198.3770, -51.9509, 49.6584



204.7430, -63.9633, 29.1664



197.3540, -47.5025, -23.9895

Triad

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



204.7430, -63.9633, 29.1664



171.7110, 41.0615, -150.5905



202.7570, 25.7558, 45.8171

Complementary

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



204.7430, -63.9633, 29.1664



108.2570, 63.9633, -29.1664

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.



210.2560, 22.0588, 18.1925



204.7430, -63.9633, 29.1664



166.4280, 43.6660, -145.9574

Square

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



204.7430, -63.9633, 29.1664



169.1230, 26.0684, -148.3209



187.2570, 33.3973, -72.1394



190.4860, 6.6624, 56.5788

Rectangle

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



204.7430, -63.9633, 29.1664



188.5840, -26.4169, -67.1642



187.2570, 33.3973, -72.1394



206.8660, 23.7301, 42.2135

Sweetspot

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



204.7430, -63.9633, 29.1664



244.1480, -21.2720, 9.5172



126.8150, -12.2338, 97.5092



121.4170, -12.5306, 5.7733



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.



204.7430, -63.9633, 29.1664



212.3900, -82.0303, 37.3690



203.2720, -63.2381, -16.9015



117.4580, -4.6628, 2.2293



146.0010, -71.9785, 33.3251



44.3330, -21.8562, 10.2320

Inverse Universe

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



108.2570, 63.9633, -29.1664



88.6100, 82.0303, -37.3690



109.7280, 63.2381, 16.9015



110.5420, 4.6628, -2.2293



37.4120, 72.2679, -32.8103



11.6670, 21.8562, -10.2320

Previews

White Background



This preview shows how the YUV color 204.7430, -63.9633, 29.1664 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 204.7430, -63.9633, 29.1664 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 204.7430, -63.9633, 29.1664 Background



This preview shows how black text looks on a background with the YUV color 204.7430, -63.9633, 29.1664.



This preview shows how white text looks on a background with the YUV color 204.7430, -63.9633,

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

204.7430, -63.9633, 29.1664

Protanopia

204.7430, -63.9633, 29.1664

Deuteranopia

210.1290, -42.4616, 39.3519



Tritanopia

215.7740, -0.3816, 29.1392

Trichromacy



Original Color

204.7430, -63.9633, 29.1664

Protanomaly

204.7430, -63.9633, 29.1664

Deuteranomaly

208.0440, -50.3077, 35.9184

Tritanomaly

211.6990, -23.5156, 29.2050

Monochromacy



Original Color

204.7430, -63.9633, 29.1664

Achromatopsia

205.0000, 0.0000, 0.0000

Achromatomaly

204.9910, -23.1666, 10.5319

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.7430, -63.9633, 29.1664 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, 213, 75)` looks like.

```
.text, #text, p{  
    color:rgb(238, 213, 75)  
}
```

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, 213, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 213, 75) }
```

Border

The CSS property to change the border of an element to YUV 204.7430, -63.9633, 29.1664 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, 213, 75) }
```


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

```
.border{ border-color:rgb(238, 213, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 213, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 213, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 213, 75);  
box-shadow:4px 4px 4px 4px rgb(238, 213,  
75) }
```

Background

The CSS property to change the background color of an element to YUV 204.7430, -63.9633, 29.1664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 213, 75) }
```

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

```
.background{ background-color: rgb(238,  
213, 75) }
```

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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