

Converting Colors

YUV(191.3760, -53.9224,
28.6112)

Have a look what the booklet for
YUV(191.3760, -53.9224, 28.6112)
contains.

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Color

**YUV(191.3760, -53.9224,
28.6112)**

Conversions

Conversions Part 1

Format	Color
Hex	E0C452
RGB	224, 196, 82
RGB Percent	88%, 77%, 32%
CMY	0.1216, 0.2314, 0.6784
CMYK	0.00, 0.12, 0.63, 0.12
HSL	48°, 70%, 60%
HSV	48°, 63%, 88%
XYZ	52.0034, 55.9363, 16.0386
YIQ	191.3760, 53.2820, -29.5180

Conversions

Conversions Part 2

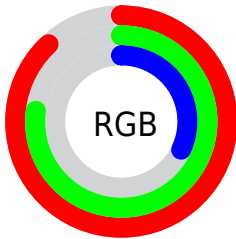
Format	Color
RYB	117, 224, 82
Decimal	14730322
CIELab	79.58, -3.02, 59.16
CIELCh	80, 59.242, 92.927
Yxy	55.9363, 0.4195, 0.4512
Android (android.graphics.Color)	4292920402 (0xFFE0C452)
YUV	191.3760, -53.9224, 28.6112
Hunter-Lab	74.7906, -6.7690, 39.6389

Details

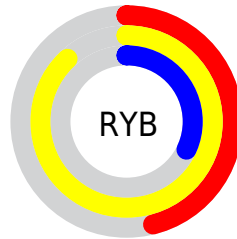
The YUV color **191.3760, -53.9224, 28.6112** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **114.6240, 53.9224, -28.6112**, and the grayscale version is **192.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.6730, -51.1108, 13.4418**, and **136.1260, -54.7851, 25.3225** is the 20% darker color. If you saturate the color by 10%, you get **186.5200, -62.3744, 32.8700**, and if you desaturate by 10%, it is **196.2320, -45.4704, 24.3525**.

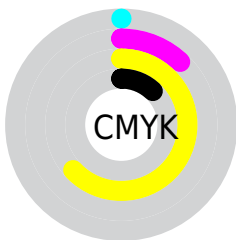
Distribution



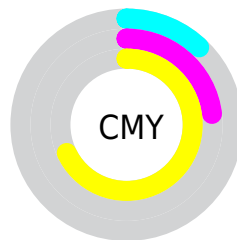
- Red (88%)
- Green (77%)
- Blue (32%)



- Red (46%)
- Yellow (88%)
- Blue (32%)



- Cyan (0%)
- Magenta (12%)
- Yellow (63%)
- Black (12%)



- Cyan (12%)
- Magenta (23%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.3760, -53.9224, 28.6112 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 191.3760, -53.9224, 28.6112 by changing the saturation by 10% instead.

■ 191.3760,
-53.9224, 28.6112

■ 191.3760,
-53.9224, 28.6112

■ 255.0000, 0.0000,
0.0000

■ 163.4790,
-53.4801, 26.7669

■ 239.6730,
-51.1108, 13.4418

■ 136.1260,
-54.7851, 25.3225

■ 244.5120,
-40.1854, 9.1980

■ 109.6420,
-54.0535, 23.9930

■ 247.7040,
-27.9551, 6.3986

■ 87.1820, -42.9807,
19.1344

■ 251.0100,
-15.2879, 3.4992

■ 65.6080, -32.3447,
14.3758

■ 254.3160, -2.6208,
0.5999

■ 44.9200, -22.1456,
9.7172

■ 25.1180, -12.3832,

5.1585

■ 0.0000, 0.0000,
0.0000

■ 191.3760,
-53.9224, 28.6112

■ 191.3760,
-53.9224, 28.6112

■ 186.5200,
-62.3744, 32.8700

■ 196.2320,
-45.4704, 24.3525

■ 180.9630,
-70.9738, 37.7434

■ 201.7890,
-36.8710, 19.4790

■ 176.1070,
-79.4258, 42.0022

■ 206.6450,
-28.4190, 15.2203

■ 172.6360,
-85.1095, 45.0462

■ 212.2020,
-19.8196, 10.3468

■ 217.0580,
-11.3676, 6.0881

■ 222.5010, -3.2050,
1.3146

■ 227.4710, 5.6838,
-3.0441

■ 231.6430, 11.5150,
-6.7029

■ 234.5780, 10.0680,
-9.2769

Harmonies

Analogous

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



190.8430, -45.2786, 56.2657



191.3760, -53.9224, 28.6112



185.1900, -41.9987, -15.9526

Triad

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



191.3760, -53.9224, 28.6112



160.5580, 46.5599, -140.8094



198.4370, 24.4346, 49.6058

Complementary

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



191.3760, -53.9224, 28.6112



114.6240, 53.9224, -28.6112

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.



197.5090, 28.3431, 9.2006



191.3760, -53.9224, 28.6112



155.8620, 48.8750, -136.6910

Square

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



191.3760, -53.9224, 28.6112



154.9890, 22.6834, -135.9254



178.1530, 37.8856, -65.0322



185.8240, 4.0308, 60.6674

Rectangle

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



191.3760, -53.9224, 28.6112



178.7370, -25.0133, -50.6353



178.1530, 37.8856, -65.0322



202.1590, 26.0506, 44.5876

Sweetspot

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



191.3760, -53.9224, 28.6112



243.6580, -18.0724, 9.9469



127.6500, -8.7015, 84.4989



121.0580, -11.3676, 6.0881



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.



191.3760, -53.9224, 28.6112



210.5780, -73.7420, 38.9581



194.9550, -55.6868, -12.2385



109.5720, -4.2260, 2.1294



135.3910, -66.7478, 35.6141



37.2450, -18.3618, 9.4321

Inverse Universe

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



114.6240, 53.9224, -28.6112



105.4220, 73.7420, -38.9581



111.0450, 55.6868, 12.2385



103.4280, 4.2260, -2.1294



40.6090, 66.7478, -35.6141



11.3420, 18.0724, -9.9469

Previews

White Background



This preview shows how the YUV color 191.3760, -53.9224, 28.6112 looks on a white background.

Color Contrast Check

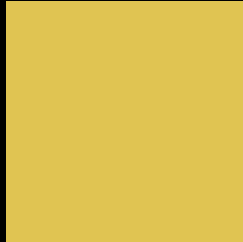
Large Text (above 18pt) WCAG AA × Fail

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 191.3760, -53.9224, 28.6112 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 191.3760, -53.9224, 28.6112

Background



This preview shows how black text looks on a background with the YUV color 191.3760, -53.9224, 28.6112.

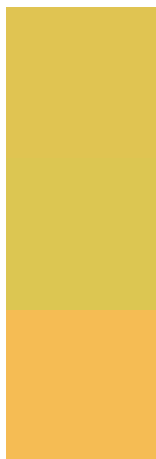


This preview shows how white text looks on a background with the YUV color 191.3760, -53.9224,

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

191.3760, -53.9224, 28.6112

Protanopia

191.3540, -53.9115, 25.1225

Deuteranopia

193.1870, -53.8292, 45.4400



Tritanopia

200.5460, -1.2552, 29.3392

Trichromacy



Original Color

191.3760, -53.9224, 28.6112

Protanomaly

191.0660, -53.7695, 26.2521

Deuteranomaly

192.4420, -53.9549, 39.0774

Tritanomaly

196.9100, -20.1686, 29.0199

Monochromacy



Original Color

191.3760, -53.9224, 28.6112

Achromatopsia

191.0000, 0.0000, 0.0000

Achromatomaly

191.2020, -19.8196, 10.3468

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.3760, -53.9224, 28.6112 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(224, 196, 82)` looks like.

```
.text, #text, p{  
    color:rgb(224, 196, 82)  
}
```

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(224, 196, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 196, 82) }
```

Border

The CSS property to change the border of an element to YUV 191.3760, -53.9224, 28.6112 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(224, 196, 82) }
```


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

```
.border{ border-color:rgb(224, 196, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 196, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 196, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 196, 82);  
box-shadow:4px 4px 4px 4px rgb(224, 196,  
82) }
```

Background

The CSS property to change the background color of an element to YUV 191.3760, -53.9224, 28.6112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 196, 82) }
```

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

```
.background{ background-color: rgb(224,  
196, 82) }
```

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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