

Converting Colors

YUV(164.7200, -72.3330,
53.7426)

Have a look what the booklet for
YUV(164.7200, -72.3330, 53.7426)
contains.

YUV(164.7200, -72.3330, 53.7426)	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(164.7200, -72.3330,
53.7426)**

Conversions

Conversions Part 1

Format	Color
Hex	E2A212
RGB	226, 162, 18
RGB Percent	89%, 64%, 7%
CMY	0.1137, 0.3647, 0.9294
CMYK	0.00, 0.28, 0.92, 0.11
HSL	42°, 85%, 48%
HSV	42°, 92%, 89%
XYZ	44.3935, 42.0531, 6.3495
YIQ	164.7200, 84.3680, -31.2160

Conversions

Conversions Part 2

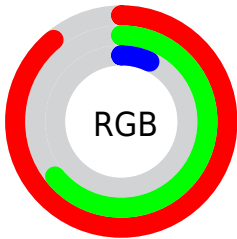
Format	Color
R_{YB}	110, 226, 18
Decimal	14852626
CIE _{Lab}	70.91, 13.34, 72.28
CIE _{LCh}	71, 73.503, 79.545
Yxy	42.0531, 0.4784, 0.4532
Android (android.graphics.Color)	4293042706 (0xFFE2A212)
YUV	164.7200, -72.3330, 53.7426
Hunter-Lab	64.8483, 8.7120, 39.5886

Details

The YUV color **164.7200, -72.3330, 53.7426** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **79.2800, 72.3330, -53.7426**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.2000, -63.6956, 36.6586**, and **114.4920, -56.4446, 44.2955** is the 20% darker color. If you saturate the color by 10%, you get **159.1460, -78.4590, 58.6310**, and if you desaturate by 10%, it is **171.4510, -64.3123, 47.8395**.

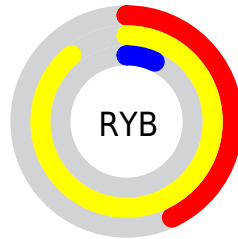
Distribution



Red (89%)

Green (64%)

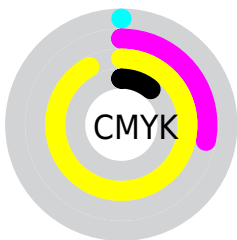
Blue (7%)



Red (43%)

Yellow (89%)

Blue (7%)

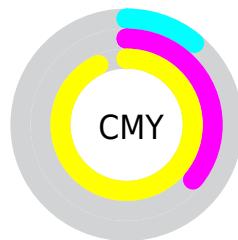


Cyan (0%)

Magenta (28%)

Yellow (92%)

Black (11%)



Cyan (11%)

Magenta (36%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.7200, -72.3330, 53.7426 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 164.7200, -72.3330, 53.7426 by changing the saturation by 10% instead.

164.7200,
-72.3330, 53.7426

164.7200,
-72.3330, 53.7426

255.0000, 0.0000,
0.0000

138.1370,
-68.1015, 49.8689

213.2000,
-63.6956, 36.6586

114.4920,
-56.4446, 44.2955

232.8280,
-59.5682, 19.4448

91.1460, -44.9350,
39.3370

241.7760,
-50.6686, 11.5974

68.6750, -33.8568,
32.7340

245.0820,
-38.0014, 8.6981

47.3890, -23.3628,
26.8458

248.2740,
-25.7711, 5.8987

27.8750, -13.7424,
21.1576

251.5800,

8.6710, -4.2748,

-13.1039, 2.9993

17.8285

■ 0.0000, 0.0000,
0.0000

■ 164.7200,
-72.3330, 53.7426

■ 164.7200,
-72.3330, 53.7426

■ 159.1460,
-78.4590, 58.6310

■ 171.4510,
-64.3123, 47.8395

■ 178.0680,
-56.7285, 42.0364

■ 184.7990,
-48.7079, 36.1333

■ 191.4160,
-41.1241, 30.3302

■ 198.1470,
-33.1035, 24.4271

■ 204.8780,
-25.0829, 18.5240

■ 211.4950,
-17.4990, 12.7209

■ 218.2260, -9.4784,
6.8178

■ 224.8430, -1.8946,
1.0147

Harmonies

Analogous

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



163.1110, -44.9177, 80.5867



164.7200, -72.3330, 53.7426



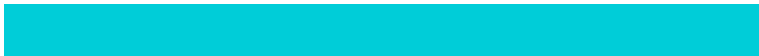
159.1500, -68.1080, 5.1304

Triad

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



164.7200, -72.3330, 53.7426



144.9590, 35.0232, -127.1290



177.9710, 37.9753, 46.5064

Complementary

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



164.7200, -72.3330, 53.7426



79.2800, 72.3330, -53.7426

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.



164.1860, 44.7713, -33.4891



164.7200, -72.3330, 53.7426



146.4700, 53.5053, -128.4542

Square

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



164.7200, -72.3330, 53.7426



135.9190, 5.4629, -119.2010



139.4260, 56.9780, -122.2766



163.6150, 17.9378, 80.1446

Rectangle

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



164.7200, -72.3330, 53.7426



153.9180, -46.3016, -35.8851



139.4260, 56.9780, -122.2766



175.4690, 39.2088, 24.1447

Sweetspot

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



164.7200, -72.3330, 53.7426



233.9920, -24.6461, 18.4240



87.7160, -1.8320, 121.2751



114.7660, -15.1676, 11.6062



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.



164.7200, -72.3330, 53.7426



180.1440, -88.8110, 65.6487



190.9260, -85.2525, -2.5661



108.9850, -3.9366, 2.6442



124.2380, -61.2493, 45.3953



34.3100, -16.9148, 12.0061

Inverse Universe

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



79.2800, 72.3330, -53.7426



74.8560, 88.8110, -65.6487



53.0740, 85.2525, 2.5661



104.0150, 3.9366, -2.6442



51.7620, 61.2493, -45.3953



14.2770, 16.6254, -12.5209

Previews

White Background



This preview shows how the YUV color 164.7200, -72.3330, 53.7426 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 164.7200, -72.3330, 53.7426 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 164.7200, -72.3330, 53.7426

Background



This preview shows how black text looks on a background with the YUV color 164.7200, -72.3330, 53.7426.



This preview shows how white text looks on a background with the YUV color 164.7200, -72.3330,

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

164.7200, -72.3330, 53.7426

Protanopia

163.2500, -69.6363, 28.7218

Deuteranopia

164.2310, -74.0639, 48.9094



Tritanopia

176.7720, -7.2826, 49.3120

Trichromacy



Original Color

164.7200, -72.3330, 53.7426

Protanomaly

164.0770, -70.5370, 37.6435

Deuteranomaly

164.3560, -73.6325, 50.5538

Tritanomaly

172.2950, -30.7114, 50.6073

Monochromacy



Original Color

164.7200, -72.3330, 53.7426

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

164.9490, -26.1039, 19.3387

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.7200, -72.3330, 53.7426 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(226, 162, 18)` looks like.

```
.text, #text, p{  
    color:rgb(226, 162, 18)  
}
```

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(226, 162, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 162, 18) }
```

Border

The CSS property to change the border of an element to YUV 164.7200, -72.3330, 53.7426 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(226, 162, 18) }
```


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

```
.border{ border-color:rgb(226, 162, 18) }
```

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

Here you see how a box with a 4 pixel rgb(226, 162, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 162, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 162, 18);  
box-shadow:4px 4px 4px 4px rgb(226, 162,  
18) }
```

Background

The CSS property to change the background color of an element to YUV 164.7200, -72.3330, 53.7426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 162, 18) }
```

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

```
.background{ background-color: rgb(226,  
162, 18) }
```

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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