

Converting Colors

YUV(164.5090, -58.9179,
44.2806)

Have a look what the booklet for
YUV(164.5090, -58.9179, 44.2806)
contains.

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Color

**YUV(164.5090, -58.9179,
44.2806)**

Conversions

Conversions Part 1

Format	Color
Hex	D7A22D
RGB	215, 162, 45
RGB Percent	84%, 64%, 18%
CMY	0.1569, 0.3647, 0.8235
CMYK	0.00, 0.25, 0.79, 0.16
HSL	41°, 68%, 51%
HSV	41°, 79%, 84%
XYZ	41.4183, 40.4772, 8.1125
YIQ	164.5090, 69.1450, -25.1510

Conversions

Conversions Part 2

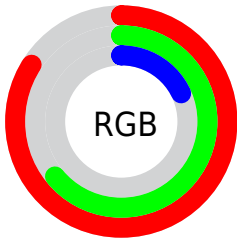
Format	Color
R _{YB}	122, 215, 45
Decimal	14131757
CIE _{Lab}	69.81, 9.21, 63.79
CIE _{LCh}	70, 64.448, 81.785
Yxy	40.4772, 0.4602, 0.4497
Android (android.graphics.Color)	4292321837 (0xFFD7A22D)
YUV	164.5090, -58.9179, 44.2806
Hunter-Lab	63.6217, 4.8672, 36.9750

Details

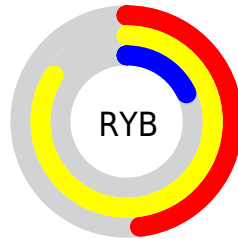
The YUV color **164.5090, -58.9179, 44.2806** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle washed orange. A complement of this color would be **95.4910, 58.9179, -44.2806**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.0240, -56.7068, 35.0590**, and **111.5020, -54.9705, 38.1477** is the 20% darker color. If you saturate the color by 10%, you get **158.0060, -66.0650, 49.9837**, and if you desaturate by 10%, it is **171.1260, -51.3341, 38.4775**.

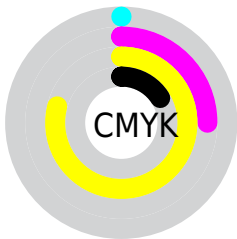
Distribution



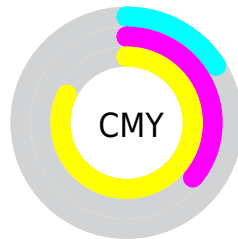
- Red (84%)
- Green (64%)
- Blue (18%)



- Red (48%)
- Yellow (84%)
- Blue (18%)



- Cyan (0%)
- Magenta (25%)
- Yellow (79%)
- Black (16%)



- Cyan (16%)
- Magenta (36%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.5090, -58.9179, 44.2806 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 164.5090, -58.9179, 44.2806 by changing the saturation by 10% instead.

■ 164.5090,
-58.9179, 44.2806

■ 164.5090,
-58.9179, 44.2806

■ 255.0000, 0.0000,
0.0000

■ 135.9450,
-63.5699, 43.0212

■ 215.0240,
-56.7068, 35.0590

■ 111.5020,
-54.9705, 38.1477

■ 234.5380,
-53.0162, 17.9452

■ 89.0420, -43.8977,
33.2892

■ 243.6000,
-43.6798, 9.9978

■ 66.8700, -32.9669,
27.3010

■ 246.7920,
-31.4495, 7.1984

■ 45.8830, -22.6203,
22.0276

■ 249.9840,
-19.2191, 4.3990

■ 26.3690, -12.9999,
16.3394

■ 253.4040, -6.1152,

■ 5.6810, -2.8007,

1.3997

11.6808

■ 0.0000, 0.0000,
0.0000

■ 164.5090,
-58.9179, 44.2806

■ 164.5090,
-58.9179, 44.2806

■ 158.0060,
-66.0650, 49.9837

■ 171.1260,
-51.3341, 38.4775

■ 151.9760,
-73.9382, 55.2720

■ 177.0420,
-43.8977, 33.2892

■ 151.1610,
-74.5224, 55.9868

■ 183.6590,
-36.3139, 27.4861

■ 190.1620,
-29.1669, 21.7829

■ 196.7790,
-21.5830, 15.9798

■ 202.6950,
-14.1466, 10.7915

■ 209.3120, -6.5628,
4.9884

■ 215.8150, 0.5842,
-0.7148

■ 221.8450, 8.4574,
-6.0031

Harmonies

Analogous

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



166.8440, -43.3071, 77.3128



164.5090, -58.9179, 44.2806



159.3140, -53.3988, 0.6016

Triad

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



164.5090, -58.9179, 44.2806



140.9810, 35.0124, -123.6403



175.8090, 33.6182, 44.0175

Complementary

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



164.5090, -58.9179, 44.2806



95.4910, 58.9179, -44.2806

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.



166.9210, 43.4229, -20.9787



164.5090, -58.9179, 44.2806



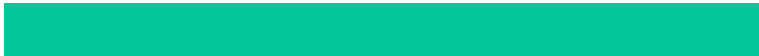
142.9480, 55.2416, -125.3654

Square

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



164.5090, -58.9179, 44.2806



133.5540, 9.0939, -117.1269



135.9040, 58.7143, -119.1878



167.0570, 10.8179, 77.1260

Rectangle

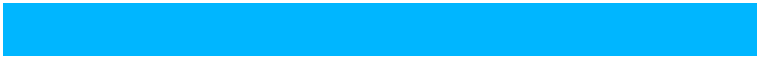
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



164.5090, -58.9179, 44.2806



154.2200, -37.5765, -34.3959



135.9040, 58.7143, -119.1878



174.8820, 39.4982, 24.6595

Sweetspot

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



164.5090, -58.9179, 44.2806



236.8930, -21.1462, 15.8798



101.9860, -1.4721, 99.1133



116.7380, -12.6888, 9.8768



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.



164.5090, -58.9179, 44.2806



182.8000, -83.7114, 63.3194



186.3510, -69.6860, -2.0618



103.9850, -3.9366, 2.6442



120.3950, -59.3547, 44.3806



30.4670, -15.0202, 10.9914

Inverse Universe

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



95.4910, 58.9179, -44.2806



84.6130, 84.0008, -62.8046



73.6490, 69.6860, 2.0618



99.6020, 3.6472, -3.1590



50.6050, 59.3547, -44.3806



13.1200, 14.7308, -11.5062

Previews

White Background



This preview shows how the YUV color 164.5090, -58.9179, 44.2806 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 164.5090, -58.9179, 44.2806 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 164.5090, -58.9179, 44.2806

Background



This preview shows how black text looks on a background with the YUV color 164.5090, -58.9179, 44.2806.



This preview shows how white text looks on a background with the YUV color 164.5090, -58.9179, 44.2806.

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

164.5090, -58.9179, 44.2806

Protanopia

163.1430, -57.2585, 25.3076

Deuteranopia

164.5090, -58.9179, 44.2806



Tritanopia

173.5970, -5.2243, 42.4494

Trichromacy



Original Color

164.5090, -58.9179, 44.2806

Protanomaly

163.6600, -58.0064, 31.8702

Deuteranomaly

164.5090, -58.9179, 44.2806

Tritanomaly

170.1460, -24.7220, 42.8450

Monochromacy



Original Color

164.5090, -58.9179, 44.2806

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

164.7790, -21.5830, 15.9798

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.5090, -58.9179, 44.2806 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(215, 162, 45)` looks like.

```
.text, #text, p{  
    color:rgb(215, 162, 45)  
}
```

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(215, 162, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 162, 45) }
```

Border

The CSS property to change the border of an element to YUV 164.5090, -58.9179, 44.2806 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(215, 162, 45) }
```


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

```
.border{ border-color:rgb(215, 162, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 162, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 162, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 162, 45);  
box-shadow:4px 4px 4px 4px rgb(215, 162,  
45) }
```

Background

The CSS property to change the background color of an element to YUV 164.5090, -58.9179, 44.2806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 162, 45) }
```

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

```
.background{ background-color: rgb(215,  
162, 45) }
```

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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