

Converting Colors

YUV(144.2080, -65.6715,
63.8386)

Have a look what the booklet for
YUV(144.2080, -65.6715, 63.8386)
contains.

YUV(144.2080, -65.6715, 63.8386)	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(144.2080, -65.6715,
63.8386)**

Conversions

Conversions Part 1

Format	Color
Hex	D9850B
RGB	217, 133, 11
RGB Percent	85%, 52%, 4%
CMY	0.1490, 0.4784, 0.9569
CMYK	0.00, 0.39, 0.95, 0.15
HSL	36°, 90%, 45%
HSV	36°, 95%, 85%
XYZ	37.0632, 31.5509, 4.4531
YIQ	144.2080, 89.2260, -20.1340

Conversions

Conversions Part 2

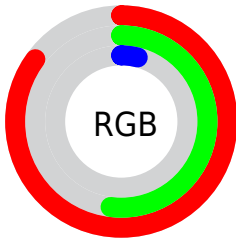
Format	Color
RYB	153, 217, 11
Decimal	14255371
CIELab	62.97, 24.90, 67.25
CIElCh	63, 71.711, 69.680
Yxy	31.5509, 0.5072, 0.4318
Android (android.graphics.Color)	4292445451 (0xFFD9850B)
YUV	144.2080, -65.6715, 63.8386
Hunter-Lab	56.1702, 19.4831, 34.6187

Details

The YUV color **144.2080, -65.6715, 63.8386** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **83.7920, 65.6715, -63.8386**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.9770, -58.6557, 53.5172**, and **95.3650, -47.0149, 53.1769** is the 20% darker color. If you saturate the color by 10%, you get **140.6060, -69.3188, 66.9975**, and if you desaturate by 10%, it is **151.9990, -58.6665, 57.0059**.

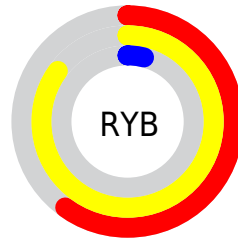
Distribution



Red (85%)

Green (52%)

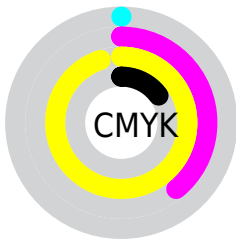
Blue (4%)



Red (60%)

Yellow (85%)

Blue (4%)

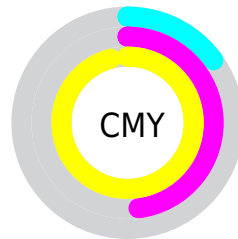


Cyan (0%)

Magenta (39%)

Yellow (95%)

Black (15%)



Cyan (15%)

Magenta (48%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 144.2080, -65.6715, 63.8386 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 144.2080, -65.6715, 63.8386 by changing the saturation by 10% instead.

■ 144.2080,
-65.6715, 63.8386

■ 144.2080,
-65.6715, 63.8386

■ 255.0000, 0.0000,
0.0000

■ 119.0100,
-58.6719, 58.7502

■ 193.9770,
-58.6557, 53.5172

■ 95.3650, -47.0149,
53.1769

■ 213.6050,
-54.5283, 36.3034

■ 72.3070, -35.6474,
47.0888

■ 233.7060,
-51.1271, 18.6748

■ 50.7220, -25.0059,
40.5858

■ 243.8280,
-42.8062, 9.7978

■ 28.8490, -14.2226,
35.2124

■ 247.1340,
-30.1391, 6.8985

■ 13.1560, -6.4859,
27.0502

■ 250.3260,

■ 0.0000, 0.0000,

-17.9087, 4.0991

0.0000

253.6320, -5.2416,
1.1997

144.2080,
-65.6715, 63.8386

144.2080,
-65.6715, 63.8386

140.6060,
-69.3188, 66.9975

151.9990,
-58.6665, 57.0059

159.6760,
-52.0983, 50.2731

167.4670,
-45.0932, 43.4404

174.6710,
-37.7988, 37.1225

182.4620,
-30.7938, 30.2898

■ 190.1390,
-24.2255, 23.5571

■ 197.9300,
-17.2205, 16.7244

■ 205.7210,
-10.2155, 9.8917

■ 213.3980, -3.6472,
3.1590

Harmonies

Analogous

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



146.0170, -35.5044, 94.7011



144.2080, -65.6715, 63.8386



140.3090, -69.1723, 19.9000

Triad

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



144.2080, -65.6715, 63.8386



126.4420, 22.4601, -110.8896



156.3960, 46.6398, 20.7007

Complementary

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



144.2080, -65.6715, 63.8386



83.7920, 65.6715, -63.8386

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.



118.8810, 67.1067, -104.2586



144.2080, -65.6715, 63.8386



132.2220, 49.6836, -115.9587

Square

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



144.2080, -65.6715, 63.8386



117.0430, -5.9372, -102.6467



129.4470, 61.8976, -113.5250



151.8800, 22.7372, 80.7892

Rectangle

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



144.2080, -65.6715, 63.8386



135.5480, -58.4442, -14.5126



129.4470, 61.8976, -113.5250



152.8550, 50.3575, -5.1348

Sweetspot

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



144.2080, -65.6715, 63.8386



229.8830, -22.6203, 22.0276



82.3980, 7.1988, 118.0460



112.4180, -14.0101, 13.6654



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.



144.2080, -65.6715, 63.8386



164.8820, -81.2868, 79.0335



188.4330, -87.4745, 10.1443



105.8110, -3.3578, 3.6738



112.1880, -55.3087, 53.3321



29.6030, -14.5943, 14.3802

Inverse Universe

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



83.7920, 65.6715, -63.8386



90.1180, 81.2868, -79.0335



39.5670, 87.4745, -10.1443



102.6020, 3.6472, -3.1590



61.3990, 55.0193, -53.8469



16.3970, 14.5943, -14.3802

Previews

White Background



This preview shows how the YUV color 144.2080, -65.6715, 63.8386 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 144.2080, -65.6715, 63.8386 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 144.2080, -65.6715, 63.8386

Background



This preview shows how black text looks on a background with the YUV color 144.2080, -65.6715, 63.8386.

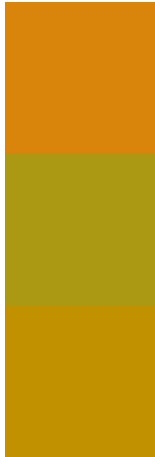


This preview shows how white text looks on a background with the YUV color 144.2080, -65.6715, 63.8386.

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

144.2080, -65.6715, 63.8386

Protanopia

143.4050, -61.3317, 25.0778

Deuteranopia

142.8220, -70.4112, 44.0061



Tritanopia

154.3280, -10.5147, 59.3483

Trichromacy



Original Color

144.2080, -65.6715, 63.8386

Protanomaly

143.7380, -62.9748, 38.8178

Deuteranomaly

143.6210, -68.8332, 51.1984

Tritanomaly

150.4750, -30.3072, 60.9734

Monochromacy



Original Color

144.2080, -65.6715, 63.8386

Achromatopsia

144.0000, 0.0000, 0.0000

Achromatomaly

144.2530, -23.7887, 23.4571

CSS Examples

Text

The CSS property to change the color of the text to YUV 144.2080, -65.6715, 63.8386 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(217, 133, 11)` looks like.

```
.text, #text, p{  
    color:rgb(217, 133, 11)  
}
```

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(217, 133, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 133, 11) }
```

Border

The CSS property to change the border of an element to YUV 144.2080, -65.6715, 63.8386 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(217, 133, 11) }
```


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

```
.border{ border-color:rgb(217, 133, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 133, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 133, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 133, 11);  
box-shadow:4px 4px 4px 4px rgb(217, 133,  
11) }
```

Background

The CSS property to change the background color of an element to YUV 144.2080, -65.6715, 63.8386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 133, 11) }
```

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

```
.background{ background-color: rgb(217,  
133, 11) }
```

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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