

Converting Colors

YUV(135.2010, -21.2981,
64.7217)

Have a look what the booklet for
YUV(135.2010, -21.2981, 64.7217)
contains.

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Color

**YUV(135.2010, -21.2981,
64.7217)**

Conversions

Conversions Part 1

Format	Color
Hex	D16A5C
RGB	209, 106, 92
RGB Percent	82%, 42%, 36%
CMY	0.1804, 0.5843, 0.6392
CMYK	0.00, 0.49, 0.56, 0.18
HSL	7°, 56%, 59%
HSV	7°, 56%, 82%
XYZ	33.3803, 24.6361, 13.1211
YIQ	135.2010, 65.8820, 17.4820

Conversions

Conversions Part 2

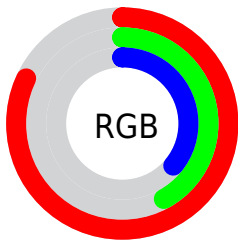
Format	Color
R_{YB}	209, 108, 92
Decimal	13724252
CIE Lab	56.72, 39.32, 26.59
CIE LCh	57, 47.469, 34.068
Yxy	24.6361, 0.4692, 0.3463
Android (android.graphics.Color)	4291914332 (0xFFD16A5C)
YUV	135.2010, -21.2981, 64.7217
Hunter-Lab	49.6348, 33.1838, 19.0708

Details

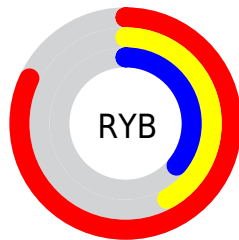
The YUV color **135.2010, -21.2981, 64.7217** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **165.7990, 21.2981, -64.7217**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.7660, -21.5766, 60.7182**, and **82.3790, -17.9348, 59.3036** is the 20% darker color. If you saturate the color by 10%, you get **122.2410, -25.2618, 76.0876**, and if you desaturate by 10%, it is **148.1610, -17.3344, 53.3558**.

Distribution



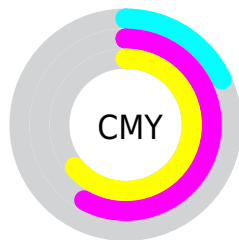
- Red (82%)
- Green (42%)
- Blue (36%)



- Red (82%)
- Yellow (42%)
- Blue (36%)



- Cyan (0%)
- Magenta (49%)
- Yellow (56%)
- Black (18%)





- Cyan (18%)
- Magenta (58%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.2010, -21.2981, 64.7217 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 135.2010, -21.2981, 64.7217 by changing the saturation by 10% instead.


 135.2010,
-21.2981, 64.7217


 135.2010,
-21.2981, 64.7217


255.0000, 0.0000,
0.0000

 108.2330,
-19.8349, 62.0627


 185.7660,
-21.5766, 60.7182

 82.3790, -17.9348,
59.3036


 205.2800,
-17.8860, 43.6044

 56.0520, -15.3086,
56.9594

 224.7940,
-14.1954, 26.4907

 27.8070, -13.7089,
57.1743

 245.0090,
-10.3574, 8.7621

 19.4350, -9.5815,
39.9605

254.7720, -0.8736,
0.2000

 11.7750, -5.3121,
23.8763

 0.0000, 0.0000,

0.0000

■ 135.2010,
-21.2981, 64.7217

■ 135.2010,
-21.2981, 64.7217

■ 122.2410,
-25.2618, 76.0876

■ 148.1610,
-17.3344, 53.3558

■ 108.6940,
-28.9361, 87.9684

■ 161.7080,
-13.6600, 41.4751

■ 95.7340, -32.8999,
99.3343

■ 174.6680, -9.6963,
30.1092

■ 82.1870, -36.5742,
111.2150

■ 188.2150, -6.0220,
18.2284

■ 77.1660, -38.0428,
115.6184

■ 201.0610, -2.4951,
6.9625

■ 214.0210, 1.4686,
-4.4034

■ 227.5680, 5.1430,
-16.2841

■ 240.0720, 7.3595,
-27.2501

■ 241.2460, 6.7807,
-28.2797

Harmonies

Analogous

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



137.1360, -2.5320, 65.6557



135.2010, -21.2981, 64.7217



134.1930, -36.0841, 47.1887

Triad

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



135.2010, -21.2981, 64.7217



116.8190, -9.2778, -57.7233



126.1790, 45.2678, -52.7770

Complementary

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



135.2010, -21.2981, 64.7217



165.7990, 21.2981, -64.7217

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.



111.9900, 48.3189, -98.2152



135.2010, -21.2981, 64.7217



108.2330, 16.1541, -94.9203

Square

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



135.2010, -21.2981, 64.7217



126.7740, -30.9476, -13.8338



112.2060, 33.9154, -98.4047



139.2250, 32.4271, 5.9417

Rectangle

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



135.2010, -21.2981, 64.7217



132.5300, -40.6873, 30.2302



112.2060, 33.9154, -98.4047



108.7930, 53.8391, -95.4115

Sweetspot

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



135.2010, -21.2981, 64.7217



227.7920, -7.7855, 23.8614



138.7250, 27.7436, 61.6312



111.5350, -4.7008, 14.4398



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.



135.2010, -21.2981, 64.7217



147.4560, -31.2838, 94.3161



169.2470, -38.0828, 34.8634



97.8760, -1.9109, 6.2477



61.9720, -30.5522, 92.9866



15.1940, -7.4906, 22.6319

Inverse Universe

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



165.7990, 21.2981, -64.7217



192.1310, 30.9944, -94.8309



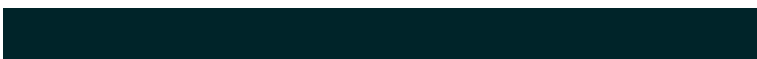
131.7530, 38.0828, -34.8634



100.5370, 2.2003, -5.7329



106.0280, 30.5522, -92.9866



25.8060, 7.4906, -22.6319

Previews

White Background



This preview shows how the YUV color 135.2010, -21.2981, 64.7217 looks on a white background.

Color Contrast Check

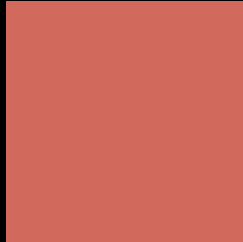
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.2010, -21.2981, 64.7217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

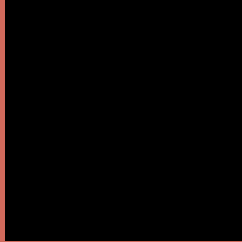
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 135.2010, -21.2981, 64.7217

Background



This preview shows how black text looks on a background with the YUV color 135.2010, -21.2981, 64.7217.



This preview shows how white text looks on a background with the YUV color 135.2010, -21.2981, 64.7217.

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

135.2010, -21.2981, 64.7217

Protanopia

135.4560, -15.0148, 9.2471

Deuteranopia

136.2640, -23.7942, 25.2015



Tritanopia

135.9050, -12.2782, 64.9813

Trichromacy



Original Color

135.2010, -21.2981, 64.7217

Protanomaly

135.3060, -17.4059, 29.5496

Deuteranomaly

135.8790, -23.1113, 39.5711

Tritanomaly

135.6940, -15.6251, 65.1664

Monochromacy



Original Color

135.2010, -21.2981, 64.7217

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

134.7920, -7.7855, 23.8614

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.2010, -21.2981, 64.7217 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(209, 106, 92)` looks like.

```
.text, #text, p{  
    color:rgb(209, 106, 92)  
}
```

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(209, 106, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 106, 92) }
```

Border

The CSS property to change the border of an element to YUV 135.2010, -21.2981, 64.7217 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(209, 106, 92) }
```


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

```
.border{ border-color:rgb(209, 106, 92) }
```

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

Here you see how a box with a 4 pixel rgb(209, 106, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 106, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 106, 92);  
box-shadow:4px 4px 4px 4px rgb(209, 106,  
92) }
```

Background

The CSS property to change the background color of an element to YUV 135.2010, -21.2981, 64.7217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 106, 92) }
```

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

```
.background{ background-color: rgb(209,  
106, 92) }
```

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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