

Converting Colors

YUV(28.4210, 45.1484,
-14.4012)

Have a look what the booklet for
YUV(28.4210, 45.1484, -14.4012)
contains.

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Color

**YUV(28.4210, 45.1484,
-14.4012)**

Conversions

Conversions Part 1

Format	Color
Hex	0C1378
RGB	12, 19, 120
RGB Percent	5%, 7%, 47%
CMY	0.9529, 0.9255, 0.5294
CMYK	0.90, 0.84, 0.00, 0.53
HSL	236°, 82%, 26%
HSV	236°, 90%, 47%
XYZ	3.7747, 1.9000, 17.9371
YIQ	28.4210, -36.5930, 29.9270

Conversions

Conversions Part 2

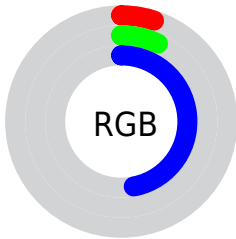
Format	Color
R_{YB}	12, 19, 120
Decimal	791416
CIE _{Lab}	14.95, 37.17, -56.27
CIE _{LCh}	15, 67.438, 303.447
Yxy	1.9000, 0.1599, 0.0805
Android (android.graphics.Color)	4278981496 (0xFF0C1378)
YUV	28.4210, 45.1484, -14.4012
Hunter-Lab	13.7840, 24.7593, -67.5054

Details

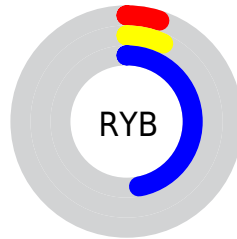
The YUV color **28.4210, 45.1484, -14.4012** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **103.5790, -45.1484, 14.4012**, and the grayscale version is **28.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **81.8080, 44.9577, 0.1684**, and **7.9800, 30.5759, -6.9985** is the 20% darker color. If you saturate the color by 10%, you get **18.3760, 50.1006, -16.1158**, and if you desaturate by 10%, it is **38.4660, 40.1963, -12.6867**.

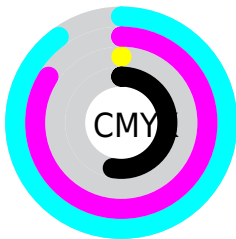
Distribution



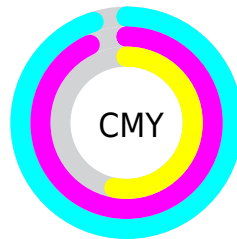
- Red (5%)
- Green (7%)
- Blue (47%)



- Red (5%)
- Yellow (7%)
- Blue (47%)



- Cyan (90%)
- Magenta (84%)
- Yellow (0%)
- Black (53%)



- Cyan (95%)
- Magenta (93%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 28.4210, 45.1484, -14.4012 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 28.4210, 45.1484, -14.4012 by changing the saturation by 10% instead.

■ 28.4210, 45.1484,
-14.4012

■ 28.4210, 45.1484,
-14.4012

■ 251.4780, 1.7363,
3.0888

■ 10.8300, 41.4958,
-9.4979

■ 81.8080, 44.9577,
0.1684

■ 7.9800, 30.5759,
-6.9985

■ 107.4600, 46.1152,
2.2276

■ 7.7060, 19.3719,
-6.7582

■ 133.8130, 47.4202,
3.6720

■ 3.4370, 10.6306,
-3.0142

■ 160.0090, 46.8306,
6.1311

■ 0.0000, 0.0000,
0.0000

■ 184.5290, 34.7422,
10.0601

■ 209.0490, 22.6538,

13.9890

234.4550, 10.1287,
18.0180

28.4210, 45.1484,
-14.4012

28.4210, 45.1484,
-14.4012

18.3760, 50.1006,
-16.1158

38.4660, 40.1963,
-12.6867

48.5110, 35.2441,
-10.9721

59.1430, 30.0025,
-9.7724

69.1880, 25.0503,
-8.0579

79.2330, 20.0981,
-6.3433

■ 89.2780, 15.1459,
-4.6288

■ 99.9100, 9.9044,
-3.4291

■ 109.9550, 4.9522,
-1.7145

■ 120.0000, 0.0000,
0.0000

Harmonies

Analogous

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



42.0330, 46.8187, -36.8629



28.4210, 45.1484, -14.4012



37.0410, 21.6718, 49.0760

Triad

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



28.4210, 45.1484, -14.4012



30.0780, -14.8285, 42.9046



36.4860, 2.7184, -31.9982

Complementary

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



28.4210, 45.1484, -14.4012



103.5790, -45.1484, 14.4012

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.



30.5240, -15.0483, -26.7695



28.4210, 45.1484, -14.4012



35.1630, -17.3354, 6.8730

Square

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



28.4210, 45.1484, -14.4012



31.0960, -15.3303, 63.9368



28.1760, -13.8908, -24.7104



42.5450, 23.3953, -37.3120

Rectangle

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



28.4210, 45.1484, -14.4012



38.2910, 5.7725, 62.0118



28.1760, -13.8908, -24.7104



33.9610, -4.4178, -29.7838

Sweetspot

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



28.4210, 45.1484, -14.4012



119.9620, 17.7667, -5.2287



86.9100, 12.8624, -65.6961



57.4370, 10.6306, -3.0142



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



28.4210, 45.1484, -14.4012



23.6540, 65.2466, -20.7446



38.3650, 40.2461, 18.0969



55.6840, 2.6208, -0.5999



18.9460, 52.2846, -16.6156



38.1200, 105.4428, -33.4312

Inverse Universe

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



45.0900, -12.8624, 65.6961



47.7840, -18.6275, 94.9054



93.6350, -40.2461, -18.0969



56.7940, -0.8844, 3.6887



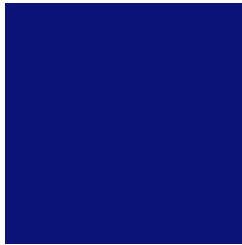
38.2870, -14.9315, 76.0473



77.1720, -30.1578, 153.3242

Previews

White Background



This preview shows how the YUV color 28.4210, 45.1484, -14.4012 looks on a white background.

Color Contrast Check

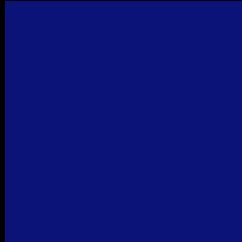
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 28.4210, 45.1484, -14.4012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

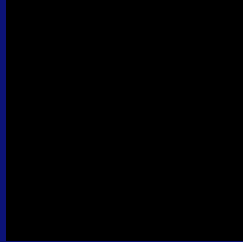
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 28.4210, 45.1484, -14.4012

Background



This preview shows how black text looks on a background with the YUV color 28.4210, 45.1484, -14.4012.



This preview shows how white text looks on a background with the YUV color 28.4210, 45.1484,

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

28.4210, 45.1484, -14.4012

Protanopia

31.4260, 23.9470, -27.5606

Deuteranopia

31.8190, 17.8372, -27.9053



Tritanopia

31.0720, 7.3595, -27.2501

Trichromacy



Original Color

28.4210, 45.1484, -14.4012

Protanomaly

30.2230, 31.9351, -22.9976

Deuteranomaly

30.4850, 27.8619, -23.2273

Tritanomaly

30.0630, 21.1679, -22.8573

Monochromacy



Original Color

28.4210, 45.1484, -14.4012

Achromatopsia

28.0000, 0.0000, 0.0000

Achromatomaly

28.2070, 16.1669, -5.4435

CSS Examples

Text

The CSS property to change the color of the text to YUV 28.4210, 45.1484, -14.4012 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(12, 19, 120)` looks like.

```
.text, #text, p{  
    color:rgb(12, 19, 120)  
}
```

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(12, 19, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 19, 120) }
```

Border

The CSS property to change the border of an element to YUV 28.4210, 45.1484, -14.4012 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(12, 19, 120) }
```


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

```
.border{ border-color:rgb(12, 19, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 19, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 19, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 19, 120);  
box-shadow:4px 4px 4px 4px rgb(12, 19,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 28.4210, 45.1484, -14.4012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 19, 120) }
```

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

```
.background{ background-color: rgb(12, 19,  
120) }
```

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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