

Converting Colors

YUV(36.1040, 29.0357,
-26.4012)

Have a look what the booklet for
YUV(36.1040, 29.0357, -26.4012)
contains.

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Color

**YUV(36.1040, 29.0357,
-26.4012)**

Conversions

Conversions Part 1

Format	Color
Hex	06285F
RGB	6, 40, 95
RGB Percent	2%, 16%, 37%
CMY	0.9765, 0.8431, 0.6275
CMYK	0.94, 0.58, 0.00, 0.63
HSL	217°, 88%, 20%
HSV	217°, 94%, 37%
XYZ	2.8995, 2.3825, 11.1335
YIQ	36.1040, -37.9190, 9.8970

Conversions

Conversions Part 2

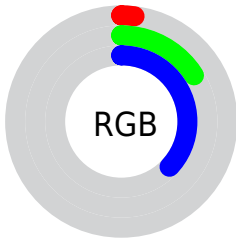
Format	Color
RYB	6, 31, 95
Decimal	403551
CIELab	17.38, 12.36, -35.97
CIELCh	17, 38.037, 288.955
Yxy	2.3825, 0.1766, 0.1451
Android (android.graphics.Color)	4278593631 (0xFF06285F)
YUV	36.1040, 29.0357, -26.4012
Hunter-Lab	15.4354, 6.5182, -31.9609

Details

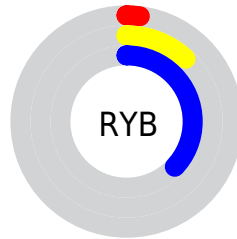
The YUV color **36.1040, 29.0357, -26.4012** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **64.8960, -29.0357, 26.4012**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **86.5830, 29.2926, -15.4203**, and **7.2330, 20.0981, -6.3433** is the 20% darker color. If you saturate the color by 10%, you get **31.9620, 31.0777, -28.0307**, and if you desaturate by 10%, it is **42.6160, 25.8253, -23.3422**.

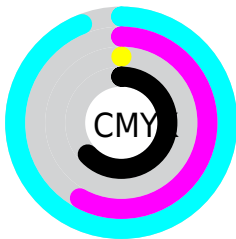
Distribution



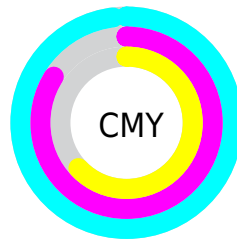
- Red (2%)
- Green (16%)
- Blue (37%)



- Red (2%)
- Yellow (12%)
- Blue (37%)



- Cyan (94%)
- Magenta (58%)
- Yellow (0%)
- Black (63%)



- Cyan (98%)
- Magenta (84%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.1040, 29.0357, -26.4012 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 36.1040, 29.0357, -26.4012 by changing the saturation by 10% instead.

■ 36.1040, 29.0357,
-26.4012

■ 36.1040, 29.0357,
-26.4012

■ 255.0000, 0.0000,
0.0000

■ 19.8340, 25.2248,
-17.3944

■ 86.5830, 29.2926,
-15.4203

■ 7.2330, 20.0981,
-6.3433

■ 112.1100, 30.0188,
-15.0055

■ 3.5510, 11.0674,
-3.1142

■ 137.9360, 30.5976,
-13.9759

■ 0.0000, 0.0000,
0.0000

■ 164.5770, 31.7605,
-13.6610

■ 191.7620, 31.1763,
-12.9463

■ 215.9830, 19.2354,

-9.6321

■ 241.6770, 6.5682,
-6.7327

■ 36.1040, 29.0357,
-26.4012

■ 36.1040, 29.0357,
-26.4012

■ 31.9620, 31.0777,
-28.0307

■ 42.6160, 25.8253,
-23.3422

■ 48.8290, 22.7623,
-20.8980

■ 55.3410, 19.5519,
-17.8391

■ 60.9670, 16.7783,
-14.8801

■ 67.4790, 13.5679,
-11.8211

■ 73.6920, 10.5048,
-9.3769

■ 80.2040, 7.2944,
-6.3179

■ 86.4170, 4.2314,
-3.8737

■ 92.9290, 1.0210,
-0.8147

Harmonies

Analogous

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



39.8210, 28.1892, -34.9230



36.1040, 29.0357, -26.4012



42.8170, 17.8382, 18.5775

Triad

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



36.1040, 29.0357, -26.4012



38.3070, -18.8854, 37.4418



35.2320, -2.0864, -30.8985

Complementary

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



36.1040, 29.0357, -26.4012



64.8960, -29.0357, 26.4012

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.



29.9370, -14.7589, -26.2547



36.1040, 29.0357, -26.4012



40.8440, -20.1361, 18.5538

Square

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



36.1040, 29.0357, -26.4012



34.3850, -3.6408, 47.8974



38.9510, -19.2028, -0.8340



38.5380, 10.5808, -33.7978

Rectangle

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



36.1040, 29.0357, -26.4012



39.3200, 11.6742, 35.6764



38.9510, -19.2028, -0.8340



33.6190, -5.7282, -29.4839

Sweetspot

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



36.1040, 29.0357, -26.4012



99.5070, 11.0890, -10.0916



64.5130, -1.7319, -51.3159



47.0900, 6.8576, -6.2179



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



36.1040, 29.0357, -26.4012



41.4970, 39.6880, -36.3929



19.1360, 37.4010, -2.7503



45.0430, 1.4578, -0.9147



38.0090, 36.4776, -33.3339



81.3640, 78.2075, -71.3562

Inverse Universe

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



36.4870, 1.7319, 51.3159



41.8360, 2.5459, 70.3038



81.8640, -37.4010, 2.7503



45.3100, -0.1528, 2.3591



38.3900, 2.2727, 64.5560



82.2480, 4.8077, 138.3485

Previews

White Background



This preview shows how the YUV color 36.1040, 29.0357, -26.4012 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 36.1040, 29.0357, -26.4012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

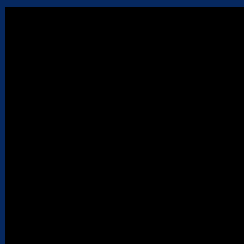
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.1040, 29.0357, -26.4012

Background



This preview shows how black text looks on a background with the YUV color 36.1040, 29.0357, -26.4012.



This preview shows how white text looks on a background with the YUV color 36.1040, 29.0357,

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

36.1040, 29.0357, -26.4012

Protanopia

34.8000, 26.7206, -30.5196

Deuteranopia

35.0790, 20.1741, -30.7643



Tritanopia

33.9900, 8.3859, -29.8092

Trichromacy



Original Color

36.1040, 29.0357, -26.4012

Protanomaly

35.0390, 27.5888, -28.9752

Deuteranomaly

35.3010, 23.5156, -29.2050

Tritanomaly

34.6510, 15.9481, -28.6349

Monochromacy



Original Color

36.1040, 29.0357, -26.4012

Achromatopsia

36.0000, 0.0000, 0.0000

Achromatomaly

35.6920, 10.5048, -9.3769

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.1040, 29.0357, -26.4012 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(6, 40, 95)` looks like.

```
.text, #text, p{  
    color:rgb(6, 40, 95)  
}
```

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(6, 40, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 40, 95) }
```

Border

The CSS property to change the border of an element to YUV 36.1040, 29.0357, -26.4012 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(6, 40, 95) }
```


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

```
.border{ border-color:rgb(6, 40, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 40, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 40, 95); -webkit-box-shadow:4px  
4px 4px 4px rgb(6, 40, 95); box-shadow:4px  
4px 4px 4px rgb(6, 40, 95) }
```

Background

The CSS property to change the background color of an element to YUV 36.1040, 29.0357, -26.4012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 40, 95) }
```

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

```
.background{ background-color: rgb(6, 40,  
95) }
```

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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