

Converting Colors

YUV(36.6320, 24.8314,
-31.2493)

Have a look what the booklet for
YUV(36.6320, 24.8314, -31.2493)
contains.

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Color

**YUV(36.6320, 24.8314,
-31.2493)**

Conversions

Conversions Part 1

Format	Color
Hex	012D57
RGB	1, 45, 87
RGB Percent	0%, 18%, 34%
CMY	0.9961, 0.8235, 0.6588
CMYK	0.99, 0.48, 0.00, 0.66
HSL	209°, 98%, 17%
HSV	209°, 99%, 34%
XYZ	2.6712, 2.5713, 9.3724
YIQ	36.6320, -39.7060, 3.7340

Conversions

Conversions Part 2

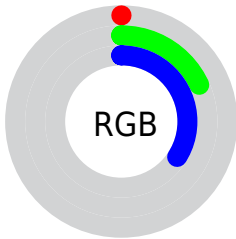
Format	Color
R_{YB}	1, 30, 87
Decimal	77143
CIE _{Lab}	18.24, 4.44, -29.28
CIE _{LCh}	18, 29.610, 278.621
Yxy	2.5713, 0.1828, 0.1759
Android (android.graphics.Color)	4278267223 (0xFF012D57)
YUV	36.6320, 24.8314, -31.2493
Hunter-Lab	16.0354, 1.6728, -23.4289

Details

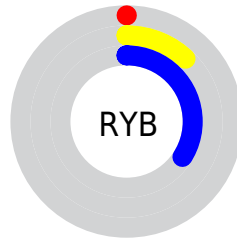
The YUV color **36.6320, 24.8314, -31.2493** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **51.3680, -24.8314, 31.2493**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **87.2850, 24.5095, -21.2979**, and **6.4350, 17.0405, -5.6435** is the 20% darker color. If you saturate the color by 10%, you get **36.3330, 24.9788, -31.8640**, and if you desaturate by 10%, it is **41.6710, 22.3472, -27.7755**.

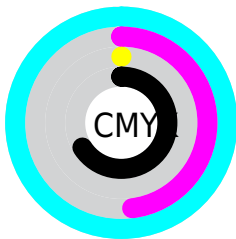
Distribution



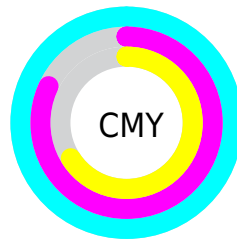
- Red (0%)
- Green (18%)
- Blue (34%)



- Red (0%)
- Yellow (12%)
- Blue (34%)



- Cyan (99%)
- Magenta (48%)
- Yellow (0%)
- Black (66%)



- Cyan (100%)
- Magenta (82%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.6320, 24.8314, -31.2493 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 36.6320, 24.8314, -31.2493 by changing the saturation by 10% instead.

■ 36.6320, 24.8314,
-31.2493

■ 36.6320, 24.8314,
-31.2493

■ 255.0000, 0.0000,
0.0000

■ 21.8570, 20.2835,
-19.1686

■ 87.2850, 24.5095,
-21.2979

■ 6.4350, 17.0405,
-5.6435

■ 113.1110, 25.0883,
-20.2683

■ 2.7530, 8.0098,
-2.4144

■ 138.6380, 25.8145,
-19.8535

■ 0.0000, 0.0000,
0.0000

■ 165.1650, 26.5407,
-19.4387

■ 192.2790, 26.9775,
-19.5387

■ 217.9990, 18.2415,

-17.5391

■ 243.6930, 5.5744,
-14.6398

■ 36.6320, 24.8314,
-31.2493

■ 36.6320, 24.8314,
-31.2493

■ 36.3330, 24.9788,
-31.8640

■ 41.6710, 22.3472,
-27.7755

■ 46.4110, 20.0104,
-24.9164

■ 52.0370, 17.2368,
-21.9574

■ 57.0760, 14.7525,
-18.4837

■ 62.1150, 12.2683,
-15.0099

■ 66.8550, 9.9315,
-12.1508

■ 72.4810, 7.1579,
-9.1918

■ 77.5200, 4.6736,
-5.7180

■ 82.2600, 2.3368,
-2.8590

Harmonies

Analogous

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



39.5130, 21.9321, -34.6529



36.6320, 24.8314, -31.2493



45.8710, 15.8396, 6.2521

Triad

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



36.6320, 24.8314, -31.2493



42.8100, -11.7383, 31.7386



34.3030, -3.1074, -30.0837

Complementary

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



36.6320, 24.8314, -31.2493



51.3680, -24.8314, 31.2493

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.



38.3950, -15.9707, -10.8704



36.6320, 24.8314, -31.2493



42.6380, -21.0205, 22.2425

Square

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



36.6320, 24.8314, -31.2493



42.7640, -1.8557, 35.2870



41.3650, -20.3929, 7.5729



37.3980, 6.2128, -32.7980

Rectangle

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



36.6320, 24.8314, -31.2493



45.2920, 10.7020, 20.7919



41.3650, -20.3929, 7.5729



33.5050, -6.1650, -29.3839

Sweetspot

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



36.6320, 24.8314, -31.2493



92.7410, 9.4947, -12.0509



56.2700, -6.5421, -48.4718



44.1500, 5.8421, -7.1475



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



36.6320, 24.8314, -31.2493



46.2270, 32.4261, -40.5411



11.3910, 37.2752, -9.1129



40.6300, 1.1684, -1.4295



44.4830, 30.8209, -39.0116



97.2300, 67.9206, -85.2707

Inverse Universe

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



31.7300, 6.5421, 48.4718



39.9860, 8.3879, 63.1563



76.6090, -37.2752, 9.1129



40.4240, 0.2840, 2.2592



38.2630, 8.2513, 60.2823



83.9450, 17.7751, 132.4752

Previews

White Background



This preview shows how the YUV color 36.6320, 24.8314, -31.2493 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 36.6320, 24.8314, -31.2493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

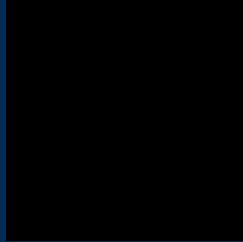
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.6320, 24.8314, -31.2493

Background



This preview shows how black text looks on a background with the YUV color 36.6320, 24.8314, -31.2493.



This preview shows how white text looks on a background with the YUV color 36.6320, 24.8314,

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

36.6320, 24.8314, -31.2493

Protanopia

42.2100, 21.5885, -17.7242

Deuteranopia

36.2360, 22.0687, -31.7790



Tritanopia

35.5060, 9.1175, -31.1388

Trichromacy



Original Color

36.6320, 24.8314, -31.2493

Protanomaly

39.8180, 22.7677, -22.6424

Deuteranomaly

36.4640, 22.9422, -31.9789

Tritanomaly

35.7000, 14.9379, -31.3089

Monochromacy



Original Color

36.6320, 24.8314, -31.2493

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

36.9260, 8.9105, -11.3361

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.6320, 24.8314, -31.2493 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(1, 45, 87)` looks like.

```
.text, #text, p{  
    color:rgb(1, 45, 87)  
}
```

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(1, 45, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 45, 87) }
```

Border

The CSS property to change the border of an element to YUV 36.6320, 24.8314, -31.2493 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(1, 45, 87) }
```


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

```
.border{ border-color:rgb(1, 45, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 45, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 45, 87); -webkit-box-shadow:4px  
4px 4px 4px rgb(1, 45, 87); box-shadow:4px  
4px 4px 4px rgb(1, 45, 87) }
```

Background

The CSS property to change the background color of an element to YUV 36.6320, 24.8314, -31.2493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 45, 87) }
```

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

```
.background{ background-color: rgb(1, 45,  
87) }
```

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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