

Converting Colors

YUV(36.6320, -12.1436,
-25.1103)

Have a look what the booklet for
YUV(36.6320, -12.1436, -25.1103)
contains.

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Color

**YUV(36.6320, -12.1436,
-25.1103)**

Conversions

Conversions Part 1

Format	Color
Hex	08380C
RGB	8, 56, 12
RGB Percent	3%, 22%, 5%
CMY	0.9686, 0.7804, 0.9529
CMYK	0.86, 0.00, 0.79, 0.78
HSL	125°, 75%, 13%
HSV	125°, 86%, 22%
XYZ	1.5807, 2.9065, 0.8255
YIQ	36.6320, -14.4840, -23.8600

Conversions

Conversions Part 2

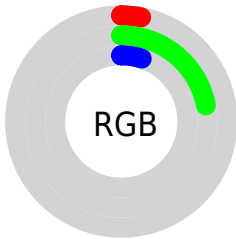
Format	Color
RYB	8, 52, 56
Decimal	538636
CIELab	19.67, -26.11, 22.10
CIELCh	20, 34.202, 139.752
Yxy	2.9065, 0.2975, 0.5471
Android (android.graphics.Color)	4278728716 (0xFF08380C)
YUV	36.6320, -12.1436, -25.1103
Hunter-Lab	17.0485, -13.2850, 9.0630

Details

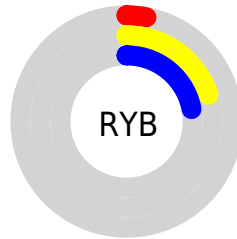
The YUV color **36.6320, -12.1436, -25.1103** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **27.3680, 12.1436, 25.1103**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **85.0730, -14.3330, -22.8660**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **34.2680, -13.4431, -28.2990**, and if you desaturate by 10%, it is **38.9960, -10.8440, -21.9215**.

Distribution



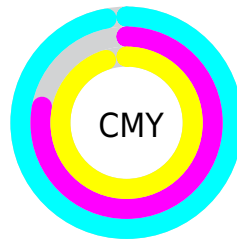
- Red (3%)
- Green (22%)
- Blue (5%)



- Red (3%)
- Yellow (20%)
- Blue (22%)



- Cyan (86%)
- Magenta (0%)
- Yellow (79%)
- Black (78%)



- Cyan (97%)
- Magenta (78%)
- Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.6320, -12.1436, -25.1103 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, -12.1436, -25.1103 by changing the saturation by 10% instead.

■ 36.6320, -12.1436,
-25.1103

■ 36.6320, -12.1436,
-25.1103

■ 250.3710, -6.0989,
-3.8334

■ 20.5450, -10.1287,
-18.0180

■ 85.0730, -14.3330,
-22.8660

■ 0.0000, 0.0000,
0.0000

■ 109.8450,
-15.2066, -22.6661

■ 135.4320,
-15.4960, -23.1809


■ 161.9050,
-16.2222, -23.5957


■ 189.3780,
-16.9484, -24.0105


■ 216.9650,


-17.2377, -24.5253


 238.5080,
-14.0544, -18.8625


 36.6320, -12.1436,
-25.1103


 36.6320, -12.1436,
-25.1103


 34.2680, -13.4431,
-28.2990


 38.9960, -10.8440,
-21.9215

 33.4420, -14.0219,
-29.3286

 41.0610, -9.3971,
-19.3475

 43.4250, -8.0975,
-16.1587

 45.6040, -6.2138,
-13.6847

 47.9680, -4.9142,
-10.4959

■ 50.3320, -3.6147,
-7.3072

■ 52.3970, -2.1677,
-4.7332

■ 54.7610, -0.8682,
-1.5444

■ 56.8260, 0.5788,
1.0296

Harmonies

Analogous

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



43.0930, -21.2448, 0.7954



36.6320, -12.1436, -25.1103



38.3780, -0.1864, -33.6575

Triad

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



36.6320, -12.1436, -25.1103



42.1690, 27.0317, -36.9822



43.7710, -5.8031, 41.4198

Complementary

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



36.6320, -12.1436, -25.1103



27.3680, 12.1436, 25.1103

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.



45.7240, 5.5591, 37.0761



36.6320, -12.1436, -25.1103



45.3180, 24.4932, -16.0649

Square

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



36.6320, -12.1436, -25.1103



43.1490, 20.6325, -37.8417



49.1220, 15.2229, 17.4330



44.3990, -18.4377, 33.8531

Rectangle

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



36.6320, -12.1436, -25.1103



40.9030, 6.9498, -35.8719



49.1220, 15.2229, 17.4330



43.9220, -1.4405, 42.1644

Sweetspot

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



36.6320, -12.1436, -25.1103



66.2670, -5.0616, -9.8812



49.3320, -20.3767, 2.3398



33.1580, -3.0359, -6.2776



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



36.6320, -12.1436, -25.1103



44.1220, -18.7941, -38.6950



39.3680, -1.6604, -27.5097



26.7610, -0.8682, -1.5444



54.9160, -23.1296, -48.1613



130.6050, -55.5143, -114.5406

Inverse Universe

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



27.3680, 12.1436, 25.1103



29.8780, 18.7941, 38.6950



24.6320, 1.6604, 27.5097



26.2390, 0.8682, 1.5444



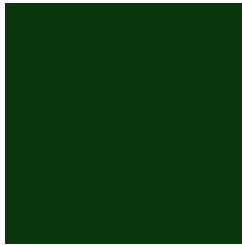
37.0840, 23.1296, 48.1613



88.3950, 55.5143, 114.5406

Previews

White Background



This preview shows how the YUV color 36.6320, -12.1436, -25.1103 looks on a white background.

Color Contrast Check

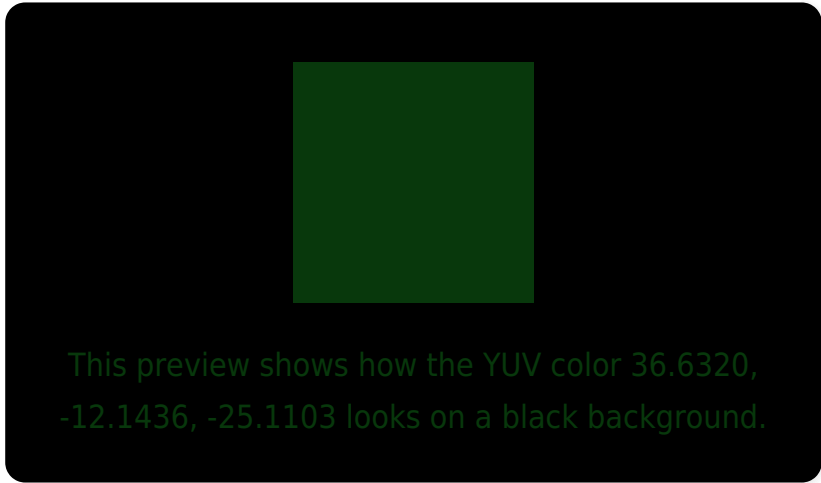
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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, -12.1436, -25.1103

Background



This preview shows how black text looks on a background with the YUV color 36.6320, -12.1436, -25.1103.



This preview shows how white text looks on a background with the YUV color 36.6320, -12.1436, -25.1103.

-25.1103.

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, -12.1436, -25.1103

Protanopia

45.4620, -17.4828, 7.4878

Deuteranopia

46.8800, -14.7308, 11.5062



Tritanopia

44.0840, 5.8746, -17.6137

Trichromacy



Original Color

36.6320, -12.1436, -25.1103

Protanomaly

42.2540, -15.4082, -4.6078

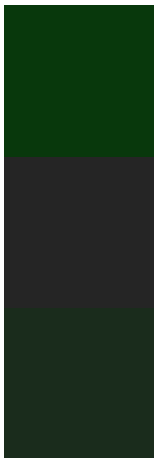
Deuteranomaly

43.3190, -13.9613, -2.0338

Tritanomaly

41.0530, -0.5191, -20.2175

Monochromacy



Original Color

36.6320, -12.1436, -25.1103

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

36.7940, -4.3354, -9.4663

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.6320, -12.1436, -25.1103 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(8, 56, 12)` looks like.

```
.text, #text, p{  
    color:rgb(8, 56, 12)  
}
```

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(8, 56, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 56, 12) }
```

Border

The CSS property to change the border of an element to YUV 36.6320, -12.1436, -25.1103 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(8, 56, 12) }
```


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

```
.border{ border-color:rgb(8, 56, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 56, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 56, 12); -webkit-box-shadow:4px  
4px 4px 4px rgb(8, 56, 12); box-shadow:4px  
4px 4px 4px rgb(8, 56, 12) }
```

Background

The CSS property to change the background color of an element to YUV 36.6320, -12.1436, -25.1103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 56, 12) }
```

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

```
.background{ background-color: rgb(8, 56,  
12) }
```

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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