

Converting Colors

YUV(36.7290, -9.2334, -25.1953)

Have a look what the booklet for
YUV(36.7290, -9.2334, -25.1953)
contains.

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Color

**YUV(36.7290, -9.2334,
-25.1953)**

Conversions

Conversions Part 1

Format	Color
Hex	083712
RGB	8, 55, 18
RGB Percent	3%, 22%, 7%
CMY	0.9686, 0.7843, 0.9294
CMYK	0.85, 0.00, 0.67, 0.78
HSL	133°, 75%, 12%
HSV	133°, 85%, 22%
XYZ	1.5755, 2.8277, 1.0350
YIQ	36.7290, -16.1350, -21.4710

Conversions

Conversions Part 2

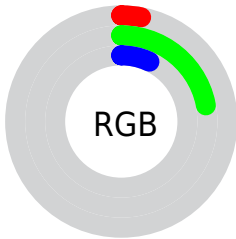
Format	Color
R_{YB}	8, 47, 55
Decimal	538386
CIE _{Lab}	19.34, -24.84, 18.56
CIE _{LCh}	19, 31.012, 143.229
Yxy	2.8277, 0.2897, 0.5200
Android (android.graphics.Color)	4278728466 (0xFF083712)
YUV	36.7290, -9.2334, -25.1953
Hunter-Lab	16.8157, -12.7033, 8.1216

Details

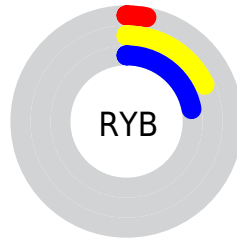
The YUV color **36.7290, -9.2334, -25.1953** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **26.2710, 9.2334, 25.1953**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **84.7570, -11.7122, -23.4659**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **34.4790, -10.0961, -28.4841**, and if you desaturate by 10%, it is **38.6800, -8.2232, -22.5214**.

Distribution



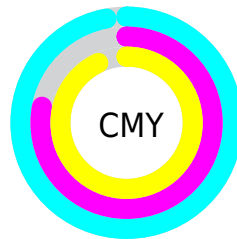
- Red (3%)
- Green (22%)
- Blue (7%)



- Red (3%)
- Yellow (18%)
- Blue (22%)



- Cyan (85%)
- Magenta (0%)
- Yellow (67%)
- Black (78%)



- Cyan (97%)
- Magenta (78%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.7290, -9.2334, -25.1953 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 36.7290, -9.2334, -25.1953 by changing the saturation by 10% instead.

■ 36.7290, -9.2334,
-25.1953

■ 36.7290, -9.2334,
-25.1953

■ 250.8700, -2.8939,
-5.1480

■ 19.9580, -9.8393,
-17.5032

■ 84.7570, -11.7122,
-23.4659

■ 0.0000, 0.0000,
0.0000

■ 109.6430,
-12.1490, -23.3659


■ 135.1160,
-12.8752, -23.7807


■ 161.7030,
-13.1646, -24.2955


■ 189.1760,
-13.8908, -24.7104


■ 216.7630,


-14.1802, -25.2252


 238.8930,
-11.2862, -20.0772


 36.7290, -9.2334,
-25.1953


 36.7290, -9.2334,
-25.1953


 34.4790, -10.0961,
-28.4841


 38.6800, -8.2232,
-22.5214

 33.6530, -10.6749,
-29.5137

 41.0440, -6.9237,
-19.3326

 42.9950, -5.9135,
-16.6586

 45.2450, -5.0508,
-13.3699

 47.3100, -3.6038,
-10.7959

■ 49.5600, -2.7411,
-7.5071

■ 51.8100, -1.8783,
-4.2184

■ 53.8750, -0.4314,
-1.6444

■ 56.1250, 0.4314,
1.6444

Harmonies

Analogous

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



42.1960, -20.8026, -1.0489



36.7290, -9.2334, -25.1953



38.1330, 1.4134, -33.4426

Triad

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



36.7290, -9.2334, -25.1953



40.4250, 25.4265, -35.4527



44.8090, -6.8078, 37.0015

Complementary

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



36.7290, -9.2334, -25.1953



26.2710, 9.2334, 25.1953

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.



45.2460, 3.8227, 33.9873



36.7290, -9.2334, -25.1953



46.1510, 21.1246, -8.9024

Square

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



36.7290, -9.2334, -25.1953



42.3340, 20.0483, -37.1269



48.4380, 12.6021, 18.0329



44.8930, -17.6952, 29.0348

Rectangle

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



36.7290, -9.2334, -25.1953



39.9570, 8.4022, -35.0423



48.4380, 12.6021, 18.0329



44.4330, -3.1715, 37.3313

Sweetspot

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



36.7290, -9.2334, -25.1953



64.0220, -3.4618, -9.6663



46.9510, -19.2028, -0.8340



31.6850, -2.3097, -5.8627



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



36.7290, -9.2334, -25.1953



43.3870, -13.9948, -38.0504



39.3510, 0.8130, -27.4948



26.8750, -0.4314, -1.6444



56.2840, -17.8880, -49.3611



133.9110, -42.8471, -117.4399

Inverse Universe

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



26.2710, 9.2334, 25.1953



27.6130, 13.9948, 38.0504



23.6490, -0.8130, 27.4948



26.1250, 0.4314, 1.6444



35.7160, 17.8880, 49.3611



85.2030, 43.2839, 117.3400

Previews

White Background



This preview shows how the YUV color 36.7290, -9.2334, -25.1953 looks on a white background.

Color Contrast Check

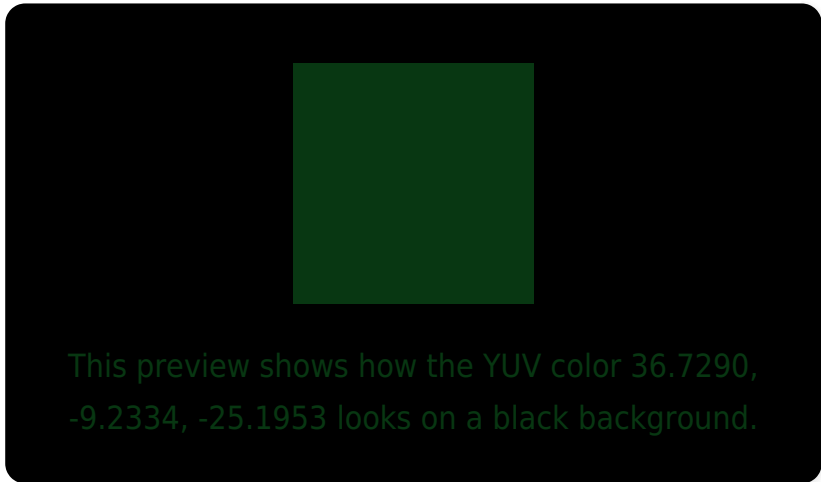
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.7290, -9.2334, -25.1953

Background



This preview shows how black text looks on a background with the YUV color 36.7290, -9.2334, -25.1953.



This preview shows how white text looks on a background with the YUV color 36.7290, -9.2334,

-25.1953.

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

36.7290, -9.2334, -25.1953

Protanopia

45.2600, -14.4252, 6.7880

Deuteranopia

46.1510, -12.3994, 10.3916



Tritanopia

43.1980, 6.3114, -17.7136

Trichromacy



Original Color

36.7290, -9.2334, -25.1953

Protanomaly

42.3510, -12.4980, -4.6928

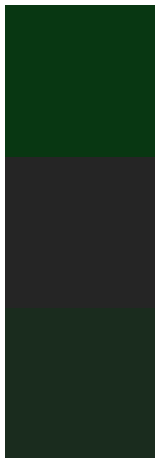
Deuteranomaly

43.0030, -11.3405, -2.6336

Tritanomaly

40.6940, 0.6439, -19.9026

Monochromacy



Original Color

36.7290, -9.2334, -25.1953

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

37.0220, -3.4618, -9.6663

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.7290, -9.2334, -25.1953 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, 55, 18)` looks like.

```
.text, #text, p{  
    color:rgb(8, 55, 18)  
}
```

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, 55, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 55, 18) }
```

Border

The CSS property to change the border of an element to YUV 36.7290, -9.2334, -25.1953 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, 55, 18) }
```


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

```
.border{ border-color:rgb(8, 55, 18) }
```

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

Here you see how a box with a 4 pixel rgb(8, 55, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 55, 18); -webkit-box-shadow:4px  
4px 4px 4px rgb(8, 55, 18); box-shadow:4px  
4px 4px 4px rgb(8, 55, 18) }
```

Background

The CSS property to change the background color of an element to YUV 36.7290, -9.2334, -25.1953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 55, 18) }
```

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

```
.background{ background-color: rgb(8, 55,  
18) }
```

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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