

Converting Colors

YUV(75.2450, 8.2602, -36.1719)

Have a look what the booklet for
YUV(75.2450, 8.2602, -36.1719)
contains.

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Color

**YUV(75.2450, 8.2602,
-36.1719)**

Conversions

Conversions Part 1

Format	Color
Hex	225D5C
RGB	34, 93, 92
RGB Percent	13%, 36%, 36%
CMY	0.8667, 0.6353, 0.6392
CMYK	0.63, 0.00, 0.01, 0.64
HSL	179°, 46%, 25%
HSV	179°, 63%, 36%
XYZ	6.5058, 8.9415, 11.5082
YIQ	75.2450, -34.8430, -12.8190

Conversions

Conversions Part 2

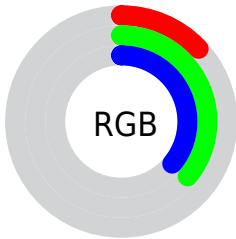
Format	Color
R_{YB}	34, 64, 93
Decimal	2252124
CIE _{Lab}	35.87, -19.05, -5.13
CIE _{LCh}	36, 19.731, 195.063
Yxy	8.9415, 0.2414, 0.3317
Android (android.graphics.Color)	4280442204 (0xFF225D5C)
YUV	75.2450, 8.2602, -36.1719
Hunter-Lab	29.9023, -13.4931, -1.8867




Details

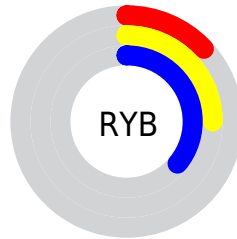
The YUV color **75.2450, 8.2602, -36.1719** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **51.7550, -8.2602, 36.1719**, and the grayscale version is **75.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **126.4300, 7.6760, -35.4571**, and **32.8330, 6.4913, -28.7945** is the 20% darker color. If you saturate the color by 10%, you get **72.5540, 9.5869, -41.7049**, and if you desaturate by 10%, it is **77.9360, 6.9336, -30.6389**.

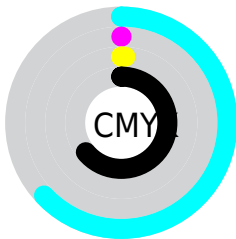
Distribution







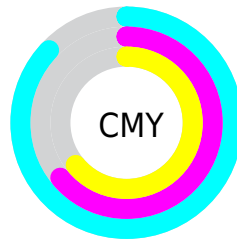
-  Red (13%)
-  Green (36%)
-  Blue (36%)






-  Red (13%)
-  Yellow (25%)
-  Blue (36%)



-  Cyan (63%)
-  Magenta (0%)
-  Yellow (1%)
-  Black (64%)



-  Cyan (87%)
-  Magenta (64%)
-  Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.2450, 8.2602, -36.1719 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 75.2450, 8.2602, -36.1719 by changing the saturation by 10% instead.

■ 75.2450, 8.2602,
-36.1719

■ 75.2450, 8.2602,
-36.1719

■ 255.0000, 0.0000,
0.0000

■ 48.3690, 10.1711,
-42.4196

■ 126.4300, 7.6760,
-35.4571

■ 32.8330, 6.4913,
-28.7945

■ 152.8430, 7.9654,
-34.9423

■ 18.8130, 3.5432,
-16.4990

■ 180.1310, 7.8234,
-36.0719

■ 0.0000, 0.0000,
0.0000

■ 208.1310, 7.8234,
-36.0719

■ 235.8320, 7.9708,
-36.6867

■ 245.4320, 4.7170,

-19.6729

254.1030, 0.4422,
-1.8443

■ 75.2450, 8.2602,
-36.1719

■ 75.2450, 8.2602,
-36.1719

■ 72.5540, 9.5869,
-41.7049

■ 77.9360, 6.9336,
-30.6389

■ 69.5640, 11.0609,
-47.8526

■ 80.9260, 5.4595,
-24.4911

■ 66.8730, 12.3876,
-53.3856

■ 83.6170, 4.1328,
-18.9581

■ 64.9650, 12.8353,
-56.9743

■ 86.4220, 3.2430,
-13.5251

■ 89.4120, 1.7689,
-7.3773

■ 92.1030, 0.4422,
-1.8443

■ 94.7940, -0.8844,
3.6887

■ 97.4850, -2.2111,
9.2217

■ 100.4750, -3.6852,
15.3694

Harmonies

Analogous

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



77.9170, -0.9451, -23.6062



75.2450, 8.2602, -36.1719



75.6560, 14.9596, -38.2863

Triad

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



75.2450, 8.2602, -36.1719



86.6880, 10.0138, 8.1666



84.2010, -14.8891, 15.6097

Complementary

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



75.2450, 8.2602, -36.1719



51.7550, -8.2602, 36.1719

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.



85.2820, -10.9850, 23.4317



75.2450, 8.2602, -36.1719



86.3430, 3.2819, 20.7472

Square

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



75.2450, 8.2602, -36.1719



84.2560, 15.1568, -8.1175



86.3130, -4.5913, 26.0355



82.6510, -14.1249, 3.8141

Rectangle

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



75.2450, 8.2602, -36.1719



78.5690, 16.9745, -31.1940



86.3130, -4.5913, 26.0355



84.4510, -14.0263, 18.8985

Sweetspot

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



75.2450, 8.2602, -36.1719



113.0090, 2.9536, -14.0399



69.2310, -17.3689, -29.1436



56.8140, 2.0637, -8.6069



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.



75.2450, 8.2602, -36.1719



92.5630, 12.5404, -55.7448



58.9230, 16.8000, -21.8575



44.5050, 0.7370, -3.0739



76.8820, 15.3412, -67.4255



165.6810, 33.1883, -145.3022

Inverse Universe

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



51.7550, -8.2602, 36.1719



56.3230, -12.9772, 55.8447



68.0770, -16.8000, 21.8575



42.4950, -0.7370, 3.0739



33.1180, -15.3412, 67.4255



71.3190, -33.1883, 145.3022

Previews

White Background



This preview shows how the YUV color 75.2450, 8.2602, -36.1719 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 75.2450, 8.2602, -36.1719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

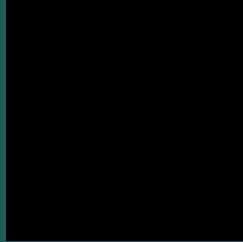
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.2450, 8.2602, -36.1719

Background



This preview shows how black text looks on a background with the YUV color 75.2450, 8.2602, -36.1719.



This preview shows how white text looks on a background with the YUV color 75.2450, 8.2602, -36.1719.

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

75.2450, 8.2602, -36.1719

Protanopia

84.5270, 0.7262, 0.4148

Deuteranopia

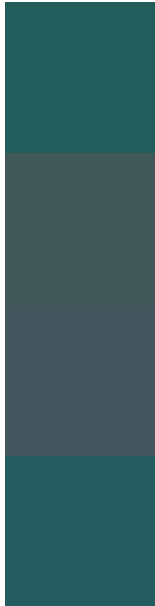
84.8630, 4.5045, 1.8741



Tritanopia

76.3530, 11.1650, -34.5126

Trichromacy



Original Color

75.2450, 8.2602, -36.1719

Protanomaly

80.8350, 3.5323, -13.0103

Deuteranomaly

81.4160, 5.7109, -11.7658

Tritanomaly

75.7120, 10.0020, -34.8274

Monochromacy



Original Color

75.2450, 8.2602, -36.1719

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.3080, 2.8062, -13.4251

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.2450, 8.2602, -36.1719 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(34, 93, 92)` looks like.

```
.text, #text, p{  
    color:rgb(34, 93, 92)  
}
```

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(34, 93, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 93, 92) }
```

Border

The CSS property to change the border of an element to YUV 75.2450, 8.2602, -36.1719 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(34, 93, 92) }
```


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

```
.border{ border-color:rgb(34, 93, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 93, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 93, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 93, 92);  
box-shadow:4px 4px 4px 4px rgb(34, 93, 92)  
}
```

Background

The CSS property to change the background color of an element to YUV 75.2450, 8.2602, -36.1719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 93, 92) }
```

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

```
.background{ background-color: rgb(34, 93,  
92) }
```

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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