

Converting Colors

YUV(72.6550, 36.6521,
-42.6704)

Have a look what the booklet for
YUV(72.6550, 36.6521, -42.6704)
contains.

YUV(72.6550, 36.6521, -42.6704)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(72.6550, 36.6521,
-42.6704)**

Conversions

Conversions Part 1

Format	Color
Hex	185393
RGB	24, 83, 147
RGB Percent	9%, 33%, 58%
CMY	0.9059, 0.6745, 0.4235
CMYK	0.84, 0.44, 0.00, 0.42
HSL	211°, 72%, 34%
HSV	211°, 84%, 58%
XYZ	8.7364, 8.4873, 28.7815
YIQ	72.6550, -55.7080, 7.3960

Conversions

Conversions Part 2

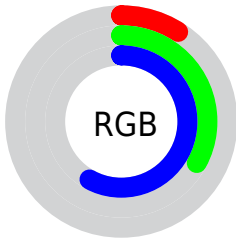
Format	Color
R_{YB}	24, 64, 147
Decimal	1594259
CIE _{Lab}	34.98, 5.92, -40.46
CIE _{LCh}	35, 40.893, 278.321
Yxy	8.4873, 0.1899, 0.1845
Android (android.graphics.Color)	4279784339 (0xFF185393)
YUV	72.6550, 36.6521, -42.6704
Hunter-Lab	29.1329, 2.5460, -38.1817

Details

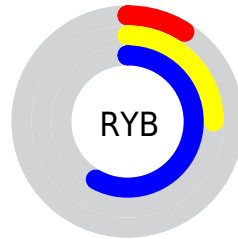
The YUV color **72.6550, 36.6521, -42.6704** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **98.3450, -36.6521, 42.6704**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.3080, 36.3302, -32.7191**, and **33.8370, 30.6464, -29.6750** is the 20% darker color. If you saturate the color by 10%, you get **63.4740, 41.1783, -47.7737**, and if you desaturate by 10%, it is **81.8360, 32.1259, -37.5672**.

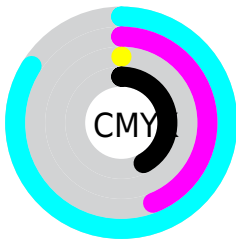
Distribution



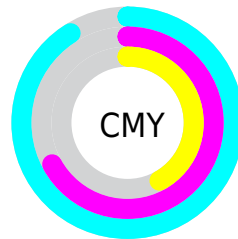
- Red (9%)
- Green (33%)
- Blue (58%)



- Red (9%)
- Yellow (25%)
- Blue (58%)



- Cyan (84%)
- Magenta (44%)
- Yellow (0%)
- Black (42%)



- Cyan (91%)
- Magenta (67%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.6550, 36.6521, -42.6704 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 72.6550, 36.6521, -42.6704 by changing the saturation by 10% instead.

■ 72.6550, 36.6521,
-42.6704

■ 72.6550, 36.6521,
-42.6704

■ 255.0000, 0.0000,
0.0000

■ 49.0140, 35.4891,
-42.9853

■ 127.3080, 36.3302,
-32.7191

■ 33.8370, 30.6464,
-29.6750

■ 154.2480, 37.3457,
-31.7895

■ 19.3610, 25.9510,
-16.9796

■ 181.6180, 36.1773,
-30.3600

■ 7.9340, 20.2455,
-6.9581

■ 206.1380, 24.0890,
-26.4310

■ 3.6650, 11.5042,
-3.2142

■ 231.5330, 11.5692,
-24.1464

■ 0.0000, 0.0000,
0.0000

■ 248.7210, 3.0955,

-12.9103

■ 72.6550, 36.6521,
-42.6704

■ 72.6550, 36.6521,
-42.6704

■ 63.4740, 41.1783,
-47.7737

■ 81.8360, 32.1259,
-37.5672

■ 58.4350, 43.6625,
-51.2475

■ 90.1310, 28.0364,
-32.5639

■ 99.3120, 23.5102,
-27.4606

■ 108.4930, 18.9840,
-22.3574

■ 116.7880, 14.8945,
-17.3541

■ 125.9690, 10.3683,
-12.2508

■ 135.1500, 5.8420,
-7.1476

■ 143.7440, 1.6052,
-1.5295

■ 152.6260, -2.7736,
2.9590

Harmonies

Analogous

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



70.3060, 35.8381, -61.6584



72.6550, 36.6521, -42.6704



84.7710, 24.2699, 8.9708

Triad

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



72.6550, 36.6521, -42.6704



79.6120, -18.0497, 49.4523



62.8500, -2.8840, -55.1194

Complementary

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



72.6550, 36.6521, -42.6704



98.3450, -36.6521, 42.6704

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.



73.5270, -22.9378, -16.2482



72.6550, 36.6521, -42.6704



79.5980, -30.3678, 33.6786

Square

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



72.6550, 36.6521, -42.6704



80.5320, -3.2203, 53.0304



77.0160, -34.5179, 11.3870



67.9000, 11.3883, -59.5483

Rectangle

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



72.6550, 36.6521, -42.6704



84.4380, 16.0531, 31.1879



77.0160, -34.5179, 11.3870



66.0920, -9.9054, -43.0537

Sweetspot

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



72.6550, 36.6521, -42.6704



161.9730, 14.3103, -16.6393



103.4970, -7.6400, -69.7189



79.5240, 8.6157, -10.1065



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



72.6550, 36.6521, -42.6704



75.7780, 56.8044, -66.4573



38.6200, 53.4313, -11.0677



69.5590, 2.1894, -2.2442



54.4740, 41.1783, -47.7737



4.0750, 2.9210, -3.5738

Inverse Universe

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



67.5030, 7.6400, 69.7189



67.5970, 12.0307, 108.2244



132.3800, -53.4313, 11.0677



69.4350, 0.2785, 4.0035



48.7860, 8.4865, 78.2407



3.5600, 0.7099, 5.6479

Previews

White Background



This preview shows how the YUV color 72.6550, 36.6521, -42.6704 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 72.6550, 36.6521, -42.6704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

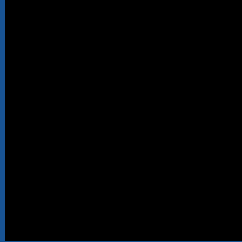
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.6550, 36.6521, -42.6704

Background



This preview shows how black text looks on a background with the YUV color 72.6550, 36.6521, -42.6704.



This preview shows how white text looks on a background with the YUV color 72.6550, 36.6521, -42.6704.

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

72.6550, 36.6521, -42.6704

Protanopia

79.2230, 31.9351, -22.9976

Deuteranopia

70.5620, 37.6839, -46.9739



Tritanopia

64.5890, 16.4716, -56.6446

Trichromacy



Original Color

72.6550, 36.6521, -42.6704

Protanomaly

76.6350, 33.7039, -30.3749

Deuteranomaly

71.4590, 37.2417, -45.1295

Tritanomaly

67.5710, 23.8755, -51.3668

Monochromacy



Original Color

72.6550, 36.6521, -42.6704

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

73.0440, 13.2893, -15.8246

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.6550, 36.6521, -42.6704 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(24, 83, 147)` looks like.

```
.text, #text, p{  
    color:rgb(24, 83, 147)  
}
```

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(24, 83, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 83, 147) }
```

Border

The CSS property to change the border of an element to YUV 72.6550, 36.6521, -42.6704 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(24, 83, 147) }
```


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

```
.border{ border-color:rgb(24, 83, 147) }
```

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

Here you see how a box with a 4 pixel rgb(24, 83, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 83, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 83, 147);  
box-shadow:4px 4px 4px 4px rgb(24, 83,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 72.6550, 36.6521, -42.6704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 83, 147) }
```

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

```
.background{ background-color: rgb(24, 83,  
147) }
```

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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