

Converting Colors

YUV(62.2890, 78.7375,
-54.6275)

Have a look what the booklet for
YUV(62.2890, 78.7375, -54.6275)
contains.

YUV(62.2890, 78.7375, -54.6275)	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>	30

Color

**YUV(62.2890, 78.7375,
-54.6275)**

Conversions

Conversions Part 1

Format	Color
Hex	003FDE
RGB	0, 63, 222
RGB Percent	0%, 25%, 87%
CMY	1.0000, 0.7529, 0.1294
CMYK	1.00, 0.72, 0.00, 0.13
HSL	223°, 100%, 44%
HSV	223°, 100%, 87%
XYZ	14.9623, 8.8289, 70.0228
YIQ	62.2890, -88.5870, 36.0930

Conversions

Conversions Part 2

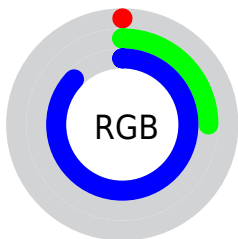
Format	Color
R _{YB}	0, 49, 222
Decimal	16350
CIE _{Lab}	35.65, 47.33, -83.58
CIE _{LCh}	36, 96.049, 299.525
Y _{xy}	8.8289, 0.1595, 0.0941
Android (android.graphics.Color)	4278206430 (0xFF003FDE)
YUV	62.2890, 78.7375, -54.6275
Hunter-Lab	29.7135, 37.8854, -118.9231

Details

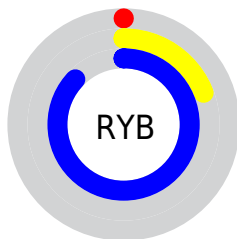
The YUV color **62.2890, 78.7375, -54.6275** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **159.7110, -78.7375, 54.6275**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.2200, 63.4885, -16.8559**, and **31.1370, 65.9945, -27.3071** is the 20% darker color. If you saturate the color by 10%, you get **62.2890, 78.7375, -54.6275**, and if you desaturate by 10%, it is **78.2590, 70.8643, -49.3391**.

Distribution



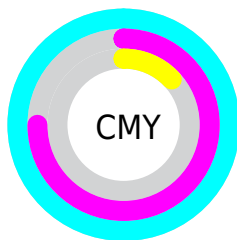
- Red (0%)
- Green (25%)
- Blue (87%)



- Red (0%)
- Yellow (19%)
- Blue (87%)



- Cyan (100%)
- Magenta (72%)
- Yellow (0%)
- Black (13%)



- Cyan (100%)
- Magenta (75%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.2890, 78.7375, -54.6275 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 62.2890, 78.7375, -54.6275 by changing the saturation by 10% instead.

■ 62.2890, 78.7375,
-54.6275

■ 62.2890, 78.7375,
-54.6275

■ 255.0000, 0.0000,
0.0000

■ 46.0690, 72.4370,
-40.4025

■ 126.2200, 63.4885,
-16.8559

■ 31.1370, 65.9945,
-27.3071

■ 151.6480, 50.9525,
-9.3383

■ 18.0800, 59.1206,
-15.8562

■ 176.4780, 38.7113,
-3.0502

■ 12.7680, 48.9214,
-11.1975

■ 201.8950, 26.1808,
2.7231

■ 16.8480, 34.0919,
-14.7757

■ 227.6000, 13.5082,
7.3668

■ 10.5900, 25.3451,
-9.2874

■ 250.3040, 2.3151,

■ 6.2070, 16.1669,

4.1184

-5.4435

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,
0.0000

■ 62.2890, 78.7375,
-54.6275

■ 78.2590, 70.8643,
-49.3391

■ 94.2290, 62.9911,
-44.0508

■ 110.4980, 54.9705,
-38.1477

■ 126.4680, 47.0973,
-32.8594

■ 142.4380, 39.2241,
-27.5711

■ 157.8210, 31.6402,
-21.7680

■ 173.7910, 23.7670,
-16.4797

■ 190.0600, 15.7464,
-10.5766

■ 206.0300, 7.8732,
-5.2883

Harmonies

Analogous

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



85.2280, 77.7816, -74.7450



62.2890, 78.7375, -54.6275



68.6290, 47.0179, 86.2714

Triad

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



62.2890, 78.7375, -54.6275



69.8580, -34.4400, 79.9315



73.8040, 3.5476, -64.7261

Complementary

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



62.2890, 78.7375, -54.6275



159.7110, -78.7375, 54.6275

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.



62.8090, -30.9648, -55.0835



62.2890, 78.7375, -54.6275



79.2300, -39.0604, 21.7233

Square

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



62.2890, 78.7375, -54.6275



60.9120, -22.6346, 120.2262



58.1130, -28.6497, -50.9651



83.2830, 37.3285, -73.0392

Rectangle

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



62.2890, 78.7375, -54.6275



72.1980, 20.6084, 110.3284



58.1130, -28.6497, -50.9651



70.0250, -8.3933, -61.4119

Sweetspot

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



62.2890, 78.7375, -54.6275



199.9910, 27.1194, -18.4091



147.9840, 3.4589, -129.7820



94.8750, 16.3306, -11.2914



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



62.2890, 78.7375, -54.6275



71.3340, 90.5473, -62.5599



38.4640, 90.4832, 4.8551



104.0150, 3.9366, -2.6442



49.4140, 62.4069, -43.3361



13.6900, 16.9148, -12.0061

Inverse Universe

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



73.5600, -5.2061, 130.1819



84.4530, -6.1393, 149.5697



183.5360, -90.4832, -4.8551



104.6310, -0.3111, 6.4626



58.3240, -4.1037, 103.2019



15.9480, -0.9604, 28.1096

Previews

White Background



This preview shows how the YUV color 62.2890, 78.7375, -54.6275 looks on a white background.

Color Contrast Check

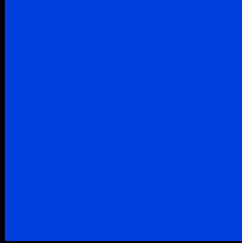
Large Text (above 18pt) WCAG AA ✓ Pass

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 62.2890, 78.7375, -54.6275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

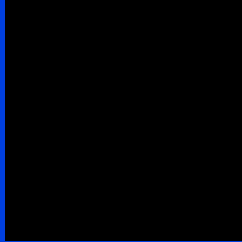
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.2890, 78.7375, -54.6275

Background



This preview shows how black text looks on a background with the YUV color 62.2890, 78.7375, -54.6275.



This preview shows how white text looks on a background with the YUV color 62.2890, 78.7375,

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



Protanopia

66.9270, 50.8150, -58.6950

Deuteranopia

66.8980, 38.0113, -58.6695

Tritanopia

65.7630, 15.8928, -57.6742

Trichromacy



Protanomaly

64.9840, 61.1399, -56.9910

Deuteranomaly

65.3940, 52.5568, -57.3505

Tritanomaly

64.4360, 38.7321, -56.5104

Monochromacy



Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

61.7350, 28.7246, -19.9386

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.2890, 78.7375, -54.6275 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(0, 63, 222)` looks like.

```
.text, #text, p{  
    color:rgb(0, 63, 222)  
}
```

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(0, 63, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 63, 222) }
```

Border

The CSS property to change the border of an element to YUV 62.2890, 78.7375, -54.6275 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(0, 63, 222) }
```

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

```
.border{ border-color:rgb(0, 63, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 63, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 63, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 63, 222);  
box-shadow:4px 4px 4px 4px rgb(0, 63, 222)  
}
```


Background

The CSS property to change the background color of an element to YUV 62.2890, 78.7375, -54.6275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 63, 222) }
```

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

```
.background{ background-color: rgb(0, 63,  
222) }
```

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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