

Converting Colors

YUV(25.0890, 45.3121,
-20.2491)

Have a look what the booklet for
YUV(25.0890, 45.3121, -20.2491)
contains.

YUV(25.0890, 45.3121, -20.2491)	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(25.0890, 45.3121,
-20.2491)**

Conversions

Conversions Part 1

Format	Color
Hex	021375
RGB	2, 19, 117
RGB Percent	1%, 7%, 46%
CMY	0.9922, 0.9255, 0.5412
CMYK	0.98, 0.84, 0.00, 0.54
HSL	231°, 97%, 23%
HSV	231°, 98%, 46%
XYZ	3.4688, 1.7630, 16.9871
YIQ	25.0890, -41.5900, 26.8740

Conversions

Conversions Part 2

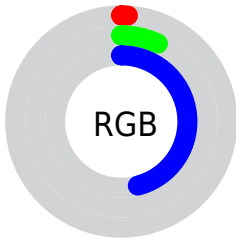
Format	Color
R_{YB}	2, 17, 117
Decimal	136053
CIE _{Lab}	14.19, 35.72, -55.61
CIE _{LCh}	14, 66.096, 302.710
Yxy	1.7630, 0.1561, 0.0793
Android (android.graphics.Color)	4278326133 (0xFF021375)
YUV	25.0890, 45.3121, -20.2491
Hunter-Lab	13.2778, 23.3964, -66.5587

Details

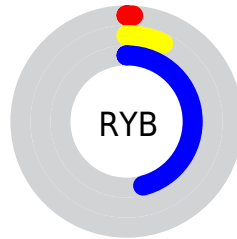
The YUV color **25.0890, 45.3121, -20.2491** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **93.9110, -45.3121, 20.2491**, and the grayscale version is **25.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **79.3840, 44.6737, -2.0908**, and **7.6380, 29.2655, -6.6985** is the 20% darker color. If you saturate the color by 10%, you get **23.3170, 46.1857, -20.4490**, and if you desaturate by 10%, it is **34.5470, 40.6493, -18.0197**.

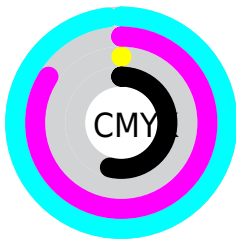
Distribution



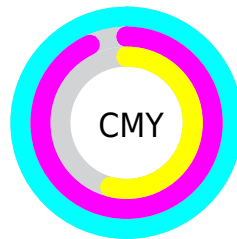
- Red (1%)
- Green (7%)
- Blue (46%)



- Red (1%)
- Yellow (7%)
- Blue (46%)



- Cyan (98%)
- Magenta (84%)
- Yellow (0%)
- Black (54%)



- Cyan (99%)
- Magenta (93%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 25.0890, 45.3121, -20.2491 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 25.0890, 45.3121, -20.2491 by changing the saturation by 10% instead.

■ 25.0890, 45.3121,
-20.2491

■ 25.0890, 45.3121,
-20.2491

■ 250.8910, 2.0257,
3.6036

■ 10.4880, 40.1854,
-9.1980

■ 79.3840, 44.6737,
-2.0908

■ 7.6380, 29.2655,
-6.6985

■ 105.3350, 45.6838,
0.5832

■ 6.7770, 18.3509,
-5.9434

■ 131.5740, 46.5520,
2.1276

■ 3.0950, 9.3202,
-2.7143

■ 158.8130, 47.4202,
3.6720

■ 0.0000, 0.0000,
0.0000

■ 182.4470, 35.7686,
7.5010

■ 207.2660, 23.5329,

12.0447

■ 232.3730, 11.1551,
15.4589

■ 25.0890, 45.3121,
-20.2491

■ 25.0890, 45.3121,
-20.2491

■ 23.3170, 46.1857,
-20.4490

■ 34.5470, 40.6493,
-18.0197

■ 43.7060, 36.1339,
-16.4052

■ 53.1640, 31.4711,
-14.1758

■ 62.6220, 26.8084,
-11.9465

■ 72.0800, 22.1456,
-9.7172

■ 81.2390, 17.6302,
-8.1026

■ 90.6970, 12.9674,
-5.8733

■ 100.1550, 8.3046,
-3.6439

■ 109.3140, 3.7892,
-2.0294

Harmonies

Analogous

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



40.9900, 45.3609, -35.9482



25.0890, 45.3121, -20.2491



35.7310, 21.8246, 46.7169

Triad

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



25.0890, 45.3121, -20.2491



28.3060, -13.9549, 42.7046



34.9700, 1.9868, -30.6687

Complementary

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



25.0890, 45.3121, -20.2491



93.9110, -45.3121, 20.2491

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.



29.3500, -14.4695, -25.7399



25.0890, 45.3121, -20.2491



33.6900, -16.6092, 7.2879

Square

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



25.0890, 45.3121, -20.2491



30.1990, -14.8881, 62.0925



27.0020, -13.3120, -23.6808



40.9150, 22.2269, -35.8825

Rectangle

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



25.0890, 45.3121, -20.2491



37.0950, 6.3622, 59.5527



27.0020, -13.3120, -23.6808



32.5590, -4.7126, -28.5542

Sweetspot

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



25.0890, 45.3121, -20.2491



117.5380, 17.4828, -7.4878



80.6770, 9.5262, -68.9997



55.4260, 10.6360, -4.7586



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



25.0890, 45.3121, -20.2491



30.9430, 60.1741, -27.1370



27.0700, 44.3355, 13.0936



54.2710, 2.3314, -1.1147



24.4740, 48.0803, -21.4637



50.2190, 98.4920, -44.0421

Inverse Universe

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



38.3230, -9.5262, 68.9997



48.3690, -12.5069, 91.7614



91.9300, -44.3355, -13.0936



54.9080, -0.4476, 3.5887



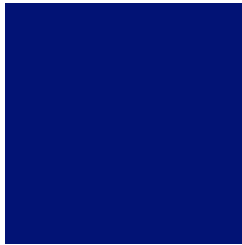
38.5300, -10.1213, 73.2032



78.9680, -20.6902, 149.9951

Previews

White Background



This preview shows how the YUV color 25.0890, 45.3121, -20.2491 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 25.0890, 45.3121, -20.2491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

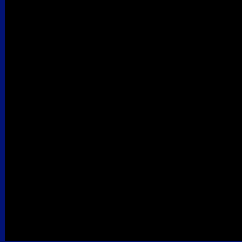
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 25.0890, 45.3121, -20.2491

Background



This preview shows how black text looks on a background with the YUV color 25.0890, 45.3121, -20.2491.



This preview shows how white text looks on a background with the YUV color 25.0890, 45.3121, -20.2491.

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

25.0890, 45.3121, -20.2491

Protanopia

30.4970, 22.9260, -26.7459

Deuteranopia

30.4170, 17.5424, -26.6757



Tritanopia

29.6700, 7.0647, -26.0206

Trichromacy



Original Color

25.0890, 45.3121, -20.2491

Protanomaly

28.3970, 31.3563, -24.0272

Deuteranomaly

28.7730, 27.7199, -24.3569

Tritanomaly

28.3510, 21.0260, -23.9868

Monochromacy



Original Color

25.0890, 45.3121, -20.2491

Achromatopsia

25.0000, 0.0000, 0.0000

Achromatomaly

25.1960, 16.1724, -7.1879

CSS Examples

Text

The CSS property to change the color of the text to YUV 25.0890, 45.3121, -20.2491 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(2, 19, 117)` looks like.

```
.text, #text, p{  
    color:rgb(2, 19, 117)  
}
```

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(2, 19, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 19, 117) }
```

Border

The CSS property to change the border of an element to YUV 25.0890, 45.3121, -20.2491 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(2, 19, 117) }
```


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

```
.border{ border-color:rgb(2, 19, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 19, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 19, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 19, 117);  
box-shadow:4px 4px 4px 4px rgb(2, 19, 117)  
}
```

Background

The CSS property to change the background color of an element to YUV 25.0890, 45.3121, -20.2491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 19, 117) }
```

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

```
.background{ background-color: rgb(2, 19,  
117) }
```

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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