

Converting Colors

YUV(53.5390, 42.6253,
-45.1997)

Have a look what the booklet for
YUV(53.5390, 42.6253, -45.1997)
contains.

YUV(53.5390, 42.6253, -45.1997)	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(53.5390, 42.6253,
-45.1997)**

Conversions

Conversions Part 1

Format	Color
Hex	023F8C
RGB	2, 63, 140
RGB Percent	1%, 25%, 55%
CMY	0.9922, 0.7529, 0.4510
CMYK	0.99, 0.55, 0.00, 0.45
HSL	213°, 97%, 28%
HSV	213°, 99%, 55%
XYZ	6.5362, 5.4614, 25.5206
YIQ	53.5390, -61.0730, 11.0150

Conversions

Conversions Part 2

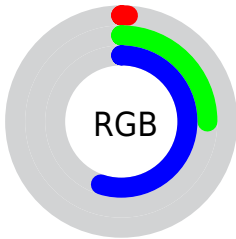
Format	Color
RYB	2, 44, 140
Decimal	147340
CIELab	28.01, 15.15, -47.43
CIELCh	28, 49.792, 287.710
Yxy	5.4614, 0.1742, 0.1456
Android (android.graphics.Color)	4278337420 (0xFF023F8C)
YUV	53.5390, 42.6253, -45.1997
Hunter-Lab	23.3696, 9.0274, -48.3886

Details

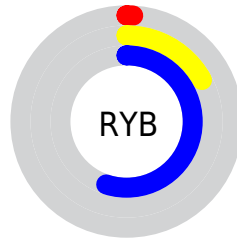
The YUV color **53.5390, 42.6253, -45.1997** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **88.4610, -42.6253, 45.1997**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.9050, 40.9658, -26.2267**, and **23.0600, 32.5084, -20.2236** is the 20% darker color. If you saturate the color by 10%, you get **52.3540, 43.2095, -45.9145**, and if you desaturate by 10%, it is **62.4210, 38.2464, -40.7112**.

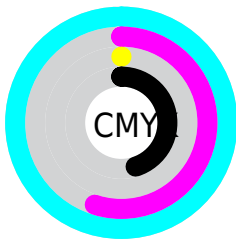
Distribution



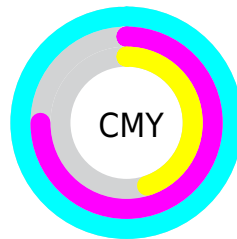
- Red (1%)
- Green (25%)
- Blue (55%)



- Red (1%)
- Yellow (17%)
- Blue (55%)



- Cyan (99%)
- Magenta (55%)
- Yellow (0%)
- Black (45%)



- Cyan (99%)
- Magenta (75%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.5390, 42.6253, -45.1997 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 53.5390, 42.6253, -45.1997 by changing the saturation by 10% instead.

■ 53.5390, 42.6253,
-45.1997

■ 53.5390, 42.6253,
-45.1997

■ 255.0000, 0.0000,
0.0000

■ 37.6500, 37.6405,
-33.0191

■ 110.9050, 40.9658,
-26.2267

■ 23.0600, 32.5084,
-20.2236

■ 137.5570, 42.1234,
-24.1675

■ 8.5840, 27.8131,
-7.5282

■ 164.6820, 42.5548,
-22.5231

■ 6.5490, 17.4773,
-5.7435

■ 189.3590, 32.3610,
-19.6088

■ 2.8670, 8.4466,
-2.5144

■ 214.4660, 19.9833,
-16.1947

■ 0.0000, 0.0000,
0.0000

■ 239.8720, 7.4581,

-12.1657

■ 53.5390, 42.6253,
-45.1997

■ 53.5390, 42.6253,
-45.1997

■ 52.3540, 43.2095,
-45.9145

■ 62.4210, 38.2464,
-40.7112

■ 71.3030, 33.8676,
-36.2227

■ 79.5980, 29.7782,
-31.2194

■ 88.4800, 25.3994,
-26.7310

■ 97.3620, 21.0205,
-22.2425

■ 106.2440, 16.6417,
-17.7540

■ 115.1260, 12.2629,
-13.2655

■ 123.4210, 8.1734,
-8.2622

■ 132.3030, 3.7946,
-3.7737

Harmonies

Analogous

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



60.2130, 40.3210, -52.8068



53.5390, 42.6253, -45.1997



67.0980, 25.0947, 24.4701

Triad

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



53.5390, 42.6253, -45.1997



59.8590, -26.0595, 51.8667



53.6060, -2.7638, -47.0125

Complementary

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



53.5390, 42.6253, -45.1997



88.4610, -42.6253, 45.1997

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.



46.2420, -20.8253, -40.5542



53.5390, 42.6253, -45.1997



63.0380, -31.0777, 28.0307

Square

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



53.5390, 42.6253, -45.1997



54.5770, -4.7215, 67.9000



59.9160, -29.5386, 0.9507



58.7530, 14.4188, -51.5264

Rectangle

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



53.5390, 42.6253, -45.1997



62.0750, 16.7250, 49.0462



59.9160, -29.5386, 0.9507



51.5370, -8.1527, -45.1979

Sweetspot

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



53.5390, 42.6253, -45.1997



147.2440, 16.6417, -17.7540



91.6700, -6.7393, -78.6406



70.9800, 10.3629, -10.5065



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



53.5390, 42.6253, -45.1997



67.5940, 55.9092, -59.2799



19.8250, 59.2463, -9.4935



64.5590, 2.1894, -2.2442



49.7950, 41.0201, -43.6702



1.7440, 1.6052, -1.5295

Inverse Universe

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



50.2160, 6.3025, 78.7406



63.2390, 8.2632, 103.2764



122.1750, -59.2463, 9.4935



64.4350, 0.2785, 4.0035



46.4930, 6.1660, 75.8666



1.7230, 0.1366, 2.8739

Previews

White Background



This preview shows how the YUV color 53.5390, 42.6253, -45.1997 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 53.5390, 42.6253, -45.1997 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 53.5390, 42.6253, -45.1997

Background



This preview shows how black text looks on a background with the YUV color 53.5390, 42.6253, -45.1997.



This preview shows how white text looks on a background with the YUV color 53.5390, 42.6253, -45.1997.

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

53.5390, 42.6253, -45.1997

Protanopia

53.0720, 40.8835, -46.5441

Deuteranopia

53.2540, 31.4268, -46.7038

Trichromacy



Original Color

53.5390, 42.6253, -45.1997

Protanomaly

53.4850, 41.1729, -46.0293

Deuteranomaly

53.2910, 35.3525, -45.8592

Monochromacy



Original Color

53.5390, 42.6253, -45.1997

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

53.6140, 15.4733, -16.3245

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.5390, 42.6253, -45.1997 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, 63, 140)` looks like.

```
.text, #text, p{  
    color:rgb(2, 63, 140)  
}
```

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, 63, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 63, 140) }
```

Border

The CSS property to change the border of an element to YUV 53.5390, 42.6253, -45.1997 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, 63, 140) }
```

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

```
.border{ border-color:rgb(2, 63, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 63, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 63, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 63, 140);  
box-shadow:4px 4px 4px 4px rgb(2, 63, 140)  
}
```


Background

The CSS property to change the background color of an element to YUV 53.5390, 42.6253, -45.1997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 63, 140) }
```

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

```
.background{ background-color: rgb(2, 63,  
140) }
```

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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