

Converting Colors

YUV(45.5290, 14.5292, 6.5521)

Have a look what the booklet for
YUV(45.5290, 14.5292, 6.5521)
contains.

YUV(45.5290, 14.5292, 6.5521)	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(45.5290, 14.5292,
6.5521)**

Conversions

Conversions Part 1

Format	Color
Hex	35244B
RGB	53, 36, 75
RGB Percent	21%, 14%, 29%
CMY	0.7922, 0.8588, 0.7059
CMYK	0.29, 0.52, 0.00, 0.71
HSL	266°, 35%, 22%
HSV	266°, 52%, 29%
XYZ	3.3691, 2.5266, 6.9667
YIQ	45.5290, -2.3870, 15.7330

Conversions

Conversions Part 2

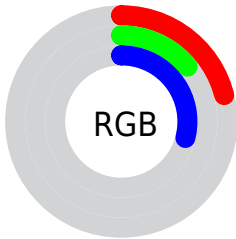
Format	Color
R_{YB}	53, 36, 75
Decimal	3482699
CIE _{Lab}	18.04, 17.53, -21.31
CIE _{LCh}	18, 27.589, 309.443
Yxy	2.5266, 0.2619, 0.1964
Android (android.graphics.Color)	4281672779 (0xFF35244B)
YUV	45.5290, 14.5292, 6.5521
Hunter-Lab	15.8954, 10.0166, -14.8592

Details

The YUV color **45.5290, 14.5292, 6.5521** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **65.4710, -14.5292, -6.5521**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **91.8820, 15.8342, 7.9965**, and **4.4310, 13.0985, -1.2550** is the 20% darker color. If you saturate the color by 10%, you get **40.2240, 17.1446, 7.6966**, and if you desaturate by 10%, it is **51.4210, 11.6244, 4.8928**.

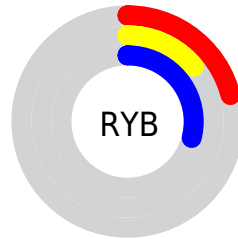
Distribution



Red (21%)

Green (14%)

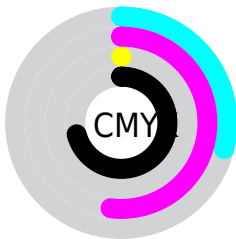
Blue (29%)



Red (21%)

Yellow (14%)

Blue (29%)

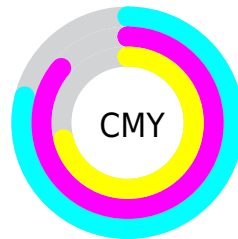


Cyan (29%)

Magenta (52%)

Yellow (0%)

Black (71%)



Cyan (79%)

Magenta (86%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 45.5290, 14.5292, 6.5521 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 45.5290, 14.5292, 6.5521 by changing the saturation by 10% instead.

■ 45.5290, 14.5292,
6.5521

■ 45.5290, 14.5292,
6.5521

■ 255.0000, 0.0000,
0.0000

■ 24.5890, 13.5136,
5.6224

■ 91.8820, 15.8342,
7.9965

■ 4.4310, 13.0985,
-1.2550

■ 116.4090, 16.5604,
8.4113

■ 0.2280, 0.8736,
-0.2000

■ 142.5230, 16.9972,
8.3113

■ 0.0000, 0.0000,
0.0000

■ 168.9360, 17.2866,
8.8261

■ 196.4630, 18.0127,
9.2409

■ 223.4910, 15.5339,

10.9704

246.1950, 4.3409,
7.7220

45.5290, 14.5292,
6.5521

45.5290, 14.5292,
6.5521

40.2240, 17.1446,
7.6966

51.4210, 11.6244,
4.8928

34.3320, 20.0493,
9.3558

56.7260, 9.0091,
3.7483

28.7280, 22.8121,
9.8855

62.9170, 5.9569,
2.7038

22.8360, 25.7169,
11.5448

68.2220, 3.3416,
1.5593

18.4170, 27.8954,
12.7893

74.1140, 0.4368,
-0.1000

■ 79.4190, -2.1786,
-1.2445

■ 85.6100, -5.2307,
-2.2890

■ 90.9150, -7.8461,
-3.4335

■ 96.8070, -10.7509,
-5.0927

Harmonies

Analogous

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



38.5790, 21.8996, -24.1868



45.5290, 14.5292, 6.5521



44.8750, 6.4706, 24.6656

Triad

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



45.5290, 14.5292, 6.5521



41.8550, -20.1415, 20.2982



37.3980, 6.2128, -32.7980

Complementary

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



45.5290, 14.5292, 6.5521



65.4710, -14.5292, -6.5521

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.



34.4170, -2.6706, -30.1837



45.5290, 14.5292, 6.5521



41.0660, -20.2455, 6.9581

Square

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



45.5290, 14.5292, 6.5521



42.9130, -11.2961, 29.8943



38.5630, -14.0816, -10.1408



38.9770, 14.8013, -34.1828

Rectangle

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



45.5290, 14.5292, 6.5521



43.4260, 0.7760, 31.1984



38.5630, -14.0816, -10.1408



36.0130, 3.4446, -31.5834

Sweetspot

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



45.5290, 14.5292, 6.5521



84.9170, 5.9569, 2.7038



53.3600, 10.6685, -15.2247



41.2220, 3.3416, 1.5593



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



45.5290, 14.5292, 6.5521



51.6140, 22.3753, 9.9855



51.2100, 11.7285, 18.2328



35.0540, 1.4524, 0.8296



24.7840, 38.0675, 16.8524



56.1200, 85.7228, 38.4828

Inverse Universe

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



50.1690, 3.8607, 21.7768



58.8160, 6.0067, 33.4874



59.7900, -11.7285, -18.2328



35.5380, 0.7208, 2.1592



37.1100, 10.2988, 56.9085



83.4760, 22.4433, 128.5015

Previews

White Background



This preview shows how the YUV color 45.5290, 14.5292, 6.5521 looks on a white background.

Color Contrast Check

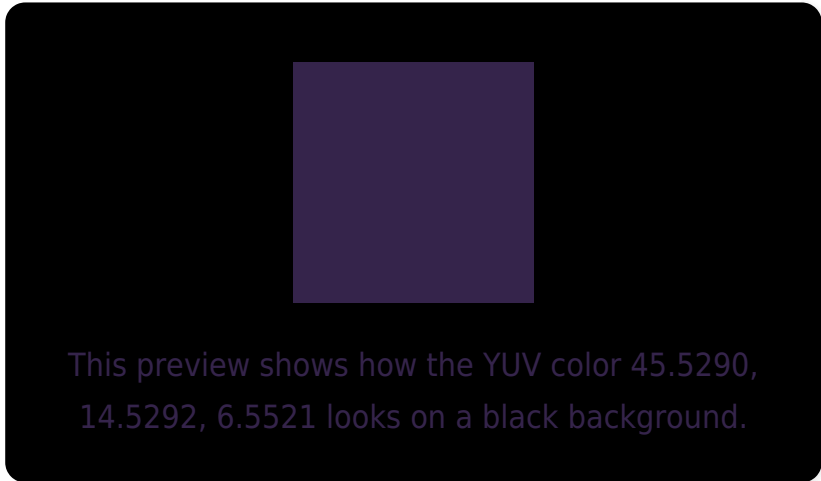
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

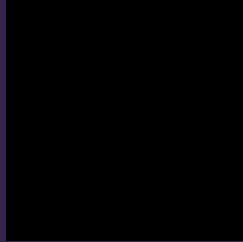
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 45.5290, 14.5292, 6.5521

Background



This preview shows how black text looks on a background with the YUV color 45.5290, 14.5292, 6.5521.



This preview shows how white text looks on a background with the YUV color 45.5290, 14.5292,

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

45.5290, 14.5292, 6.5521

Protanopia

42.0640, 19.6884, -14.9651

Deuteranopia

42.5110, 15.0311, -14.4801



Tritanopia

44.8370, 0.5734, 2.7740

Trichromacy



Original Color

45.5290, 14.5292, 6.5521

Protanomaly

42.9510, 17.7722, -6.9730

Deuteranomaly

43.8540, 14.8620, -6.8880

Tritanomaly

44.9280, 5.9515, 4.4481

Monochromacy



Original Color

45.5290, 14.5292, 6.5521

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

45.8030, 5.5201, 2.8038

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.5290, 14.5292, 6.5521 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(53, 36, 75)` looks like.

```
.text, #text, p{  
    color:rgb(53, 36, 75)  
}
```

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(53, 36, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 36, 75) }
```

Border

The CSS property to change the border of an element to YUV 45.5290, 14.5292, 6.5521 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(53, 36, 75) }
```


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

```
.border{ border-color:rgb(53, 36, 75) }
```

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

Here you see how a box with a 4 pixel rgb(53, 36, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 36, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 36, 75);  
box-shadow:4px 4px 4px 4px rgb(53, 36, 75)  
}
```

Background

The CSS property to change the background color of an element to YUV 45.5290, 14.5292, 6.5521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 36, 75) }
```

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

```
.background{ background-color: rgb(53, 36,  
75) }
```

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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