

Converting Colors

YUV(65.5580, 23.8819, -6.6284)

Have a look what the booklet for
YUV(65.5580, 23.8819, -6.6284)
contains.

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Color

**YUV(65.5580, 23.8819,
-6.6284)**

Conversions

Conversions Part 1

Format	Color
Hex	3A3C72
RGB	58, 60, 114
RGB Percent	23%, 24%, 45%
CMY	0.7725, 0.7647, 0.5529
CMYK	0.49, 0.47, 0.00, 0.55
HSL	238°, 33%, 34%
HSV	238°, 49%, 45%
XYZ	6.3980, 5.3462, 16.6143
YIQ	65.5580, -18.5260, 16.3700

Conversions

Conversions Part 2

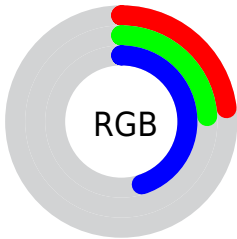
Format	Color
R_{YB}	58, 60, 114
Decimal	3816562
CIE _{Lab}	27.70, 15.04, -31.53
CIE _{LCh}	28, 34.932, 295.496
Yxy	5.3462, 0.2256, 0.1885
Android (android.graphics.Color)	4282006642 (0xFF3A3C72)
YUV	65.5580, 23.8819, -6.6284
Hunter-Lab	23.1218, 8.9298, -26.4179

Details

The YUV color **65.5580, 23.8819, -6.6284** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **106.4420, -23.8819, 6.6284**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.3240, 25.4763, -4.6691**, and **18.8730, 22.7406, -13.9206** is the 20% darker color. If you saturate the color by 10%, you get **55.8120, 28.6867, -7.7281**, and if you desaturate by 10%, it is **75.3040, 19.0771, -5.5286**.

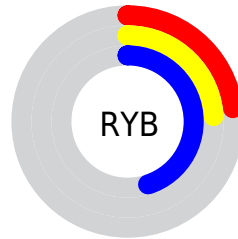
Distribution



Red (23%)

Green (24%)

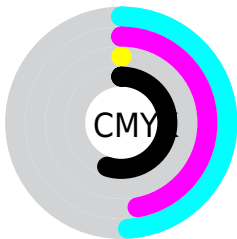
Blue (45%)



Red (23%)

Yellow (24%)

Blue (45%)

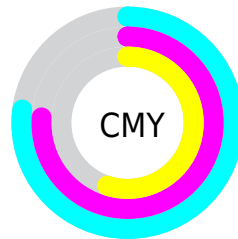


Cyan (49%)

Magenta (47%)

Yellow (0%)

Black (55%)



Cyan (77%)

Magenta (76%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.5580, 23.8819, -6.6284 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 65.5580, 23.8819, -6.6284 by changing the saturation by 10% instead.

■ 65.5580, 23.8819,
-6.6284

■ 65.5580, 23.8819,
-6.6284

■ 255.0000, 0.0000,
0.0000

■ 42.3190, 23.0137,
-8.1728

■ 114.3240, 25.4763,
-4.6691

■ 18.8730, 22.7406,
-13.9206

■ 139.9650, 26.6393,
-4.3543

■ 4.9020, 18.7823,
-4.2991

■ 167.0790, 27.0761,
-4.4543

■ 2.9810, 8.8834,
-2.6143

■ 193.9050, 27.6548,
-3.4247

■ 0.0000, 0.0000,
0.0000

■ 219.2830, 17.6085,
-1.1252

■ 244.3900, 5.2307,

2.2890

■ 65.5580, 23.8819,
-6.6284

■ 65.5580, 23.8819,
-6.6284

■ 55.8120, 28.6867,
-7.7281

■ 75.3040, 19.0771,
-5.5286

■ 45.7670, 33.6389,
-9.4427

■ 85.3490, 14.1249,
-3.8141

■ 36.0210, 38.4436,
-10.5424

■ 95.0950, 9.3202,
-2.7143

■ 25.9760, 43.3958,
-12.2570

■ 105.1400, 4.3680,
-0.9998

■ 16.2300, 48.2006,
-13.3567

■ 114.8860, -0.4368,
0.1000

■ 15.3440, 48.6374,
-13.4567

■ 124.6320, -5.2416,
1.1997

■ 134.6770,
-10.1938, 2.9143

■ 144.4230,
-14.9985, 4.0140

■ 154.4680,
-19.9507, 5.7286

Harmonies

Analogous

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



54.6560, 31.7216, -47.9333



65.5580, 23.8819, -6.6284



67.2260, 14.1856, 23.4808

Triad

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



65.5580, 23.8819, -6.6284



63.4160, -20.9111, 33.8382



52.6260, 3.6354, -46.1530

Complementary

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



65.5580, 23.8819, -6.6284



106.4420, -23.8819, 6.6284

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.



54.0550, -10.3801, -30.7432



65.5580, 23.8819, -6.6284



62.0690, -28.1350, 17.4795

Square

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



65.5580, 23.8819, -6.6284



63.4570, -9.5923, 43.4492



59.9740, -24.1442, -2.6082



55.8180, 15.8657, -48.9524

Rectangle

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



65.5580, 23.8819, -6.6284



65.7670, 7.0169, 36.1613



59.9740, -24.1442, -2.6082



51.0130, -0.0064, -44.7384

Sweetspot

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



65.5580, 23.8819, -6.6284



129.0950, 9.3202, -2.7143



96.9140, 6.9444, -34.1276



62.4820, 5.6784, -1.2997



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



65.5580, 23.8819, -6.6284



72.6790, 37.1333, -10.2425



71.8590, 20.7755, 9.7707



51.2710, 2.3314, -1.1147



16.0280, 51.2582, -14.0566



33.4410, 105.2846, -29.3278

Inverse Universe

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



74.9720, -7.3812, 34.2276



87.3550, -11.5140, 53.1857



100.1410, -20.7755, -9.7707



51.9080, -0.4476, 3.5887



36.3360, -15.9416, 73.3733



74.8790, -32.4783, 150.9501

Previews

White Background



This preview shows how the YUV color 65.5580, 23.8819, -6.6284 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 65.5580, 23.8819, -6.6284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

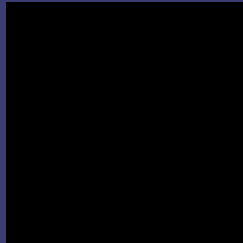
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 65.5580, 23.8819, -6.6284

Background



This preview shows how black text looks on a background with the YUV color 65.5580, 23.8819, -6.6284.



This preview shows how white text looks on a background with the YUV color 65.5580, 23.8819,

-6.6284.

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

65.5580, 23.8819, -6.6284

Protanopia

62.6810, 27.2723, -20.7682

Deuteranopia

60.2950, 25.9836, -27.4457



Tritanopia

62.8070, 6.0111, -14.7397

Trichromacy



Original Color

65.5580, 23.8819, -6.6284

Protanomaly

64.0730, 26.0930, -15.8500

Deuteranomaly

62.4100, 24.9409, -19.6536

Tritanomaly

63.8380, 12.4049, -12.1359

Monochromacy



Original Color

65.5580, 23.8819, -6.6284

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

65.8670, 8.4466, -2.5144

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.5580, 23.8819, -6.6284 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(58, 60, 114)` looks like.

```
.text, #text, p{  
    color:rgb(58, 60, 114)  
}
```

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(58, 60, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 60, 114) }
```

Border

The CSS property to change the border of an element to YUV 65.5580, 23.8819, -6.6284 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(58, 60, 114) }
```


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

```
.border{ border-color:rgb(58, 60, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 60, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 60, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 60, 114);  
box-shadow:4px 4px 4px 4px rgb(58, 60,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 65.5580, 23.8819, -6.6284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 60, 114) }
```

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

```
.background{ background-color: rgb(58, 60,  
114) }
```

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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