

Converting Colors

YUV(65.5940, 12.5252, -4.0289)

Have a look what the booklet for
YUV(65.5940, 12.5252, -4.0289)
contains.

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Color

**YUV(65.5940, 12.5252,
-4.0289)**

Conversions

Conversions Part 1

Format	Color
Hex	3D3F5B
RGB	61, 63, 91
RGB Percent	24%, 25%, 36%
CMY	0.7608, 0.7529, 0.6431
CMYK	0.33, 0.31, 0.00, 0.64
HSL	236°, 20%, 30%
HSV	236°, 33%, 36%
XYZ	5.5903, 5.3024, 10.6264
YIQ	65.5940, -10.1800, 8.2840

Conversions

Conversions Part 2

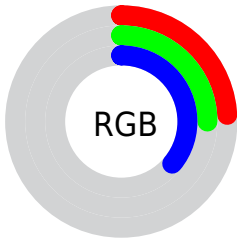
Format	Color
R_{YB}	61, 63, 91
Decimal	4013915
CIE _{Lab}	27.58, 6.60, -16.94
CIE _{LCh}	28, 18.186, 291.294
Yxy	5.3024, 0.2598, 0.2464
Android (android.graphics.Color)	4282203995 (0xFF3D3F5B)
YUV	65.5940, 12.5252, -4.0289
Hunter-Lab	23.0270, 3.0374, -11.2418

Details

The YUV color **65.5940, 12.5252, -4.0289** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **86.4060, -12.5252, 4.0289**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.8220, 13.3988, -4.2289**, and **22.2410, 11.2202, -5.4734** is the 20% darker color. If you saturate the color by 10%, you get **58.2070, 16.1669, -5.4435**, and if you desaturate by 10%, it is **72.9810, 8.8834, -2.6143**.

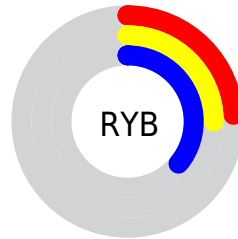
Distribution



Red (24%)

Green (25%)

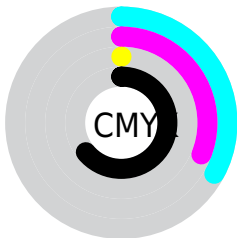
Blue (36%)



Red (24%)

Yellow (25%)

Blue (36%)

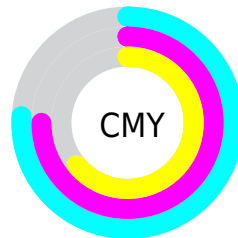


Cyan (33%)

Magenta (31%)

Yellow (0%)

Black (64%)



Cyan (76%)

Magenta (75%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.5940, 12.5252, -4.0289 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 65.5940, 12.5252, -4.0289 by changing the saturation by 10% instead.

■ 65.5940, 12.5252,
-4.0289

■ 65.5940, 12.5252,
-4.0289

■ 255.0000, 0.0000,
0.0000

■ 43.0670, 11.7990,
-4.4438

■ 113.8220, 13.3988,
-4.2289

■ 22.2410, 11.2202,
-5.4734

■ 139.3490, 14.1249,
-3.8141

■ 3.4370, 10.6306,
-3.0142

■ 165.4630, 14.5617,
-3.9141

■ 0.0000, 0.0000,
0.0000

■ 192.8760, 14.8511,
-3.3993

■ 220.6910, 15.4353,
-4.1140

■ 246.1400, 4.3680,

-0.9998

■ 65.5940, 12.5252,
-4.0289

■ 65.5940, 12.5252,
-4.0289

■ 58.2070, 16.1669,
-5.4435

■ 72.9810, 8.8834,
-2.6143

■ 50.2330, 20.0981,
-6.3433

■ 80.9550, 4.9522,
-1.7145

■ 42.8460, 23.7399,
-7.7579

■ 88.3420, 1.3104,
-0.2999

■ 34.8720, 27.6711,
-8.6577

■ 96.3160, -2.6208,
0.5999

■ 27.4850, 31.3129,
-10.0723

■ 104.0020, -6.4100,
2.6292

■ 19.2120, 35.3915,
-11.5869

■ 111.9760,
-10.3412, 3.5290

■ 13.8960, 38.0123,
-12.1868

■ 119.3630,
-13.9830, 4.9436

■ 127.3370,
-17.9141, 5.8435

■ 134.7240,
-21.5559, 7.2581

Harmonies

Analogous

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



62.0650, 14.7580, -20.2280



65.5940, 12.5252, -4.0289



67.1290, 7.8244, 10.4109

Triad

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



65.5940, 12.5252, -4.0289



65.3740, -10.5374, 19.8430



58.3730, 0.8021, -24.0061

Complementary

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



65.5940, 12.5252, -4.0289



86.4060, -12.5252, 4.0289

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.



61.3870, -7.0928, -11.7404



65.5940, 12.5252, -4.0289



64.6350, -13.1311, 11.7211

Square

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



65.5940, 12.5252, -4.0289



66.4760, -5.1647, 23.2615



62.9110, -11.7881, 0.9551



55.5870, 9.5706, -36.4718

Rectangle

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



65.5940, 12.5252, -4.0289



67.3210, 3.2927, 17.2585



62.9110, -11.7881, 0.9551



59.7110, -1.8295, -19.9175

Sweetspot

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



65.5940, 12.5252, -4.0289



107.2540, 4.8048, -1.0998



81.8020, 3.5486, -18.2434



52.7980, 3.0576, -0.6998



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



65.5940, 12.5252, -4.0289



77.7060, 19.3719, -6.7582



68.3070, 11.1876, 4.9928



42.1570, 1.8946, -1.0147



16.6490, 46.0220, -14.6012



36.4100, 98.8909, -31.9316

Inverse Universe

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



70.1980, -3.5486, 18.2434



84.5090, -5.1809, 28.4946



83.6930, -11.1876, -4.9928



42.6090, -0.3002, 2.9739



33.6880, -13.1572, 66.9256



72.6870, -27.9467, 144.1025

Previews

White Background



This preview shows how the YUV color 65.5940, 12.5252, -4.0289 looks on a white background.

Color Contrast Check

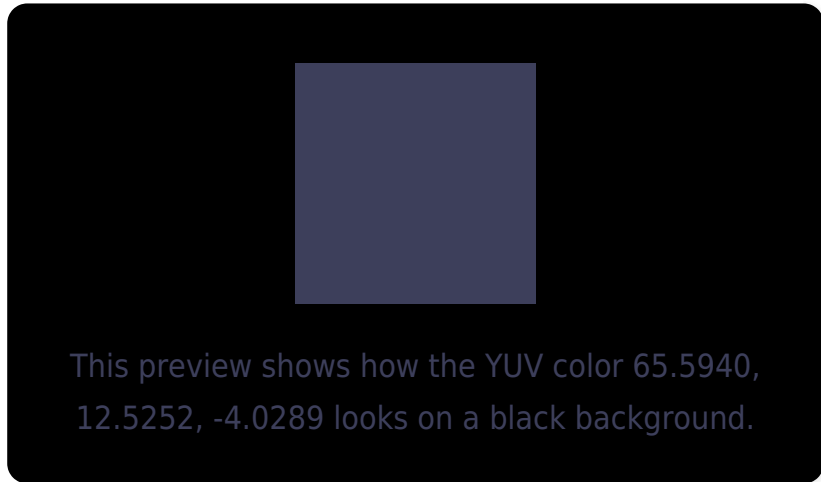
Large Text (above 18pt) WCAG AA ✓ Pass

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

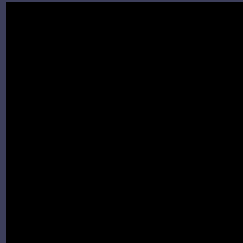
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 65.5940, 12.5252, -4.0289

Background



This preview shows how black text looks on a background with the YUV color 65.5940, 12.5252, -4.0289.



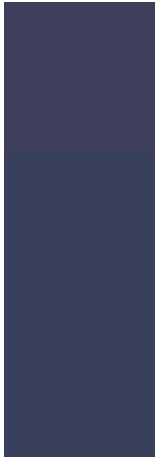
This preview shows how white text looks on a background with the YUV color 65.5940, 12.5252,

-4.0289.

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

65.5940, 12.5252, -4.0289

Protanopia

64.8000, 13.4096, -7.7176

Deuteranopia

64.6860, 12.9728, -7.6176



Tritanopia

64.5800, 3.6581, -6.6477

Trichromacy



Original Color

65.5940, 12.5252, -4.0289

Protanomaly

65.3980, 13.1148, -6.4880

Deuteranomaly

65.2840, 12.6780, -6.3881

Tritanomaly

65.0900, 6.8576, -6.2179

Monochromacy



Original Color

65.5940, 12.5252, -4.0289

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

65.8410, 4.5154, -1.6146

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.5940, 12.5252, -4.0289 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(61, 63, 91)` looks like.

```
.text, #text, p{  
    color:rgb(61, 63, 91)  
}
```

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(61, 63, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 63, 91) }
```

Border

The CSS property to change the border of an element to YUV 65.5940, 12.5252, -4.0289 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(61, 63, 91) }
```


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

```
.border{ border-color:rgb(61, 63, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 63, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 63, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 63, 91);  
box-shadow:4px 4px 4px 4px rgb(61, 63, 91)  
}
```

Background

The CSS property to change the background color of an element to YUV 65.5940, 12.5252, -4.0289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 63, 91) }
```

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

```
.background{ background-color: rgb(61, 63,  
91) }
```

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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