

Converting Colors

YUV(60.2620, 16.1398, 3.2782)

Have a look what the booklet for
YUV(60.2620, 16.1398, 3.2782)
contains.

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Color

**YUV(60.2620, 16.1398,
3.2782)**

Conversions

Conversions Part 1

Format	Color
Hex	40345D
RGB	64, 52, 93
RGB Percent	25%, 20%, 36%
CMY	0.7490, 0.7961, 0.6353
CMYK	0.31, 0.44, 0.00, 0.64
HSL	258°, 28%, 28%
HSV	258°, 44%, 36%
XYZ	5.3181, 4.3363, 10.9126
YIQ	60.2620, -6.0090, 15.2950

Conversions

Conversions Part 2

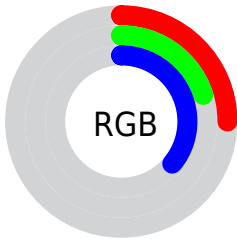
Format	Color
R_{YB}	64, 52, 93
Decimal	4207709
CIE _{Lab}	24.75, 15.58, -22.64
CIE _{LCh}	25, 27.479, 304.535
Yxy	4.3363, 0.2586, 0.2108
Android (android.graphics.Color)	4282397789 (0xFF40345D)
YUV	60.2620, 16.1398, 3.2782
Hunter-Lab	20.8237, 9.1451, -16.4941

Details

The YUV color **60.2620, 16.1398, 3.2782** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **84.7380, -16.1398, -3.2782**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.3160, 17.5922, 4.1079**, and **16.0340, 15.2662, 3.4782** is the 20% darker color. If you saturate the color by 10%, you get **52.8860, 19.7762, 3.6080**, and if you desaturate by 10%, it is **67.6380, 12.5035, 2.9485**.

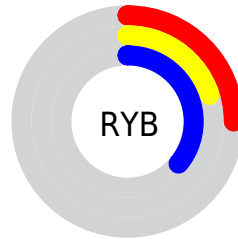
Distribution



Red (25%)

Green (20%)

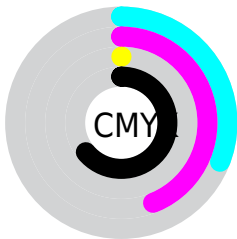
Blue (36%)



Red (25%)

Yellow (20%)

Blue (36%)

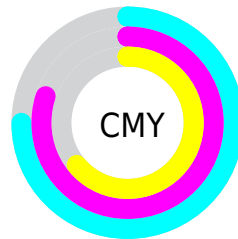


Cyan (31%)

Magenta (44%)

Yellow (0%)

Black (64%)



Cyan (75%)

Magenta (80%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 60.2620, 16.1398, 3.2782 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 60.2620, 16.1398, 3.2782 by changing the saturation by 10% instead.

■ 60.2620, 16.1398,
3.2782

■ 60.2620, 16.1398,
3.2782

■ 255.0000, 0.0000,
0.0000

■ 38.3220, 15.1243,
2.3486

■ 108.3160, 17.5922,
4.1079

■ 16.0340, 15.2662,
3.4782

■ 133.7290, 17.8816,
4.6227

■ 3.5510, 11.0674,
-3.1142

■ 159.3700, 19.0446,
4.9375

■ 0.0000, 0.0000,
0.0000

■ 186.7830, 19.3340,
5.4523

■ 214.7830, 19.3340,
5.4523

■ 240.0040, 7.3930,

8.7665

■ 60.2620, 16.1398,
3.2782

■ 60.2620, 16.1398,
3.2782

■ 52.8860, 19.7762,
3.6080

■ 67.6380, 12.5035,
2.9485

■ 45.2220, 23.5546,
5.0673

■ 75.3020, 8.7251,
1.4891

■ 37.8460, 27.1909,
5.3971

■ 82.6780, 5.0887,
1.1594

■ 30.7690, 30.6799,
6.3416

■ 89.7550, 1.5998,
0.2149

■ 22.8060, 34.6056,
7.1861

■ 97.1310, -2.0366,
-0.1149

■ 18.6750, 36.6422,
7.3010

■ 104.7950, -5.8149,
-1.5742

■ 112.1710, -9.4513,
-1.9040

■ 119.5470,
-13.0877, -2.2337

■ 127.2110,
-16.8660, -3.6930

Harmonies

Analogous

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



53.4970, 22.9260, -26.7459



60.2620, 16.1398, 3.2782



60.6190, 8.0758, 23.1361

Triad

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



60.2620, 16.1398, 3.2782



57.4470, -17.9684, 23.2870



47.4570, 6.6767, -41.6198

Complementary

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



60.2620, 16.1398, 3.2782



84.7380, -16.1398, -3.2782

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.



48.6620, -4.2704, -30.3986



60.2620, 16.1398, 3.2782



56.3760, -20.3984, 9.3172

Square

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



60.2620, 16.1398, 3.2782



58.3370, -11.0121, 32.1535



53.9440, -15.2554, -6.9669



49.2640, 16.1388, -43.2045

Rectangle

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



60.2620, 16.1398, 3.2782



59.6540, 1.6496, 30.9984



53.9440, -15.2554, -6.9669



46.6590, 3.6191, -40.9199

Sweetspot

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



60.2620, 16.1398, 3.2782



107.3190, 6.2517, 1.4742



73.6970, 9.5164, -19.0283



53.0370, 3.9258, 0.8446



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



60.2620, 16.1398, 3.2782



68.9770, 25.1543, 5.2822



66.2420, 13.1917, 15.5738



42.1680, 1.8892, 0.7297



22.1080, 43.3308, 8.6753



47.6490, 93.3500, 18.7248

Inverse Universe

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



67.5650, 6.6235, 22.3065



80.2660, 10.2219, 34.8467



78.7580, -13.1917, -15.5738



42.9510, 1.0102, 2.6740



41.7820, 17.8555, 59.8272



90.0150, 38.4466, 128.9058

Previews

White Background



This preview shows how the YUV color 60.2620, 16.1398, 3.2782 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 60.2620, 16.1398, 3.2782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

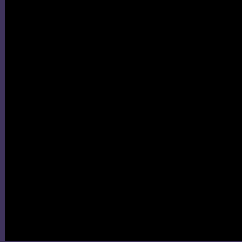
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 60.2620, 16.1398, 3.2782

Background



This preview shows how black text looks on a background with the YUV color 60.2620, 16.1398, 3.2782.



This preview shows how white text looks on a background with the YUV color 60.2620, 16.1398,

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

60.2620, 16.1398, 3.2782

Protanopia

57.7760, 19.8304, -13.8356

Deuteranopia

57.6790, 16.9203, -13.7505



Tritanopia

59.1570, 1.8946, -1.0147

Trichromacy



Original Color

60.2620, 16.1398, 3.2782

Protanomaly

58.7660, 18.3564, -7.6878

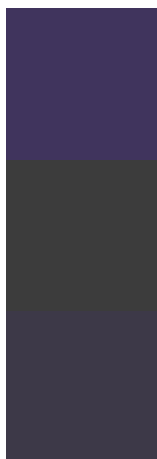
Deuteranomaly

58.3100, 16.6092, -7.2879

Tritanomaly

59.2480, 7.2727, 0.6595

Monochromacy



Original Color

60.2620, 16.1398, 3.2782

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

59.9060, 5.9623, 0.9594

CSS Examples

Text

The CSS property to change the color of the text to YUV 60.2620, 16.1398, 3.2782 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(64, 52, 93)` looks like.

```
.text, #text, p{  
    color:rgb(64, 52, 93)  
}
```

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(64, 52, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 52, 93) }
```

Border

The CSS property to change the border of an element to YUV 60.2620, 16.1398, 3.2782 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(64, 52, 93) }
```


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

```
.border{ border-color:rgb(64, 52, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 52, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 52, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 52, 93);  
box-shadow:4px 4px 4px 4px rgb(64, 52, 93)  
}
```

Background

The CSS property to change the background color of an element to YUV 60.2620, 16.1398, 3.2782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 52, 93) }
```

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

```
.background{ background-color: rgb(64, 52,  
93) }
```

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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