

Converting Colors

YUV(60.6400, 19.4045,
-17.2243)

Have a look what the booklet for
YUV(60.6400, 19.4045, -17.2243)
contains.

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Color

**YUV(60.6400, 19.4045,
-17.2243)**

Conversions

Conversions Part 1

Format	Color
Hex	293F64
RGB	41, 63, 100
RGB Percent	16%, 25%, 39%
CMY	0.8392, 0.7529, 0.6078
CMYK	0.59, 0.37, 0.00, 0.61
HSL	218°, 42%, 28%
HSV	218°, 59%, 39%
XYZ	4.9922, 4.9465, 12.7482
YIQ	60.6400, -24.9890, 6.8430

Conversions

Conversions Part 2

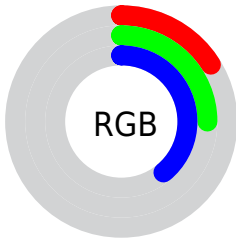
Format	Color
R_{YB}	41, 57, 100
Decimal	2703204
CIE _{Lab}	26.58, 3.71, -24.43
CIE _{LCh}	27, 24.705, 278.630
Yxy	4.9465, 0.2200, 0.2180
Android (android.graphics.Color)	4280893284 (0xFF293F64)
YUV	60.6400, 19.4045, -17.2243
Hunter-Lab	22.2408, 1.1450, -18.4160

Details

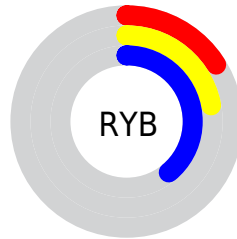
The YUV color $[60.6400, 19.4045, -17.2243]$ is a dark color, and the websafe version is hex 003366 . A complement of this color would be $[80.3600, -19.4045, 17.2243]$, and the grayscale version is $[60.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[108.9930, 20.7095, -15.7799]$, and $[18.3690, 17.0731, -16.1096]$ is the 20% darker color. If you saturate the color by 10%, you get $[54.1280, 22.6149, -20.2833]$, and if you desaturate by 10%, it is $[67.1520, 16.1941, -14.1653]$.

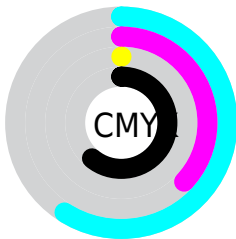
Distribution



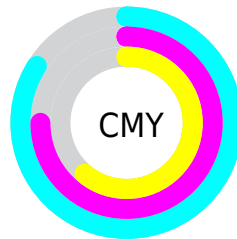
- Red (16%)
- Green (25%)
- Blue (39%)



- Red (16%)
- Yellow (22%)
- Blue (39%)



- Cyan (59%)
- Magenta (37%)
- Yellow (0%)
- Black (61%)



- Cyan (84%)
- Magenta (75%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 60.6400, 19.4045, -17.2243 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 60.6400, 19.4045, -17.2243 by changing the saturation by 10% instead.

■ 60.6400, 19.4045,
-17.2243

■ 60.6400, 19.4045,
-17.2243

■ 255.0000, 0.0000,
0.0000

■ 36.6180, 19.4153,
-20.7130

■ 108.9930, 20.7095,
-15.7799

■ 18.3690, 17.0731,
-16.1096

■ 135.1070, 21.1462,
-15.8798

■ 4.8220, 13.3988,
-4.2289

■ 161.5200, 21.4356,
-15.3650

■ 0.3420, 1.3104,
-0.2999

■ 188.7480, 22.3092,
-15.5650

■ 0.0000, 0.0000,
0.0000

■ 215.6510, 19.3991,
-15.4799

■ 240.7580, 7.0213,

-12.0658

■ 60.6400, 19.4045,
-17.2243

■ 60.6400, 19.4045,
-17.2243

■ 54.1280, 22.6149,
-20.2833

■ 67.1520, 16.1941,
-14.1653

■ 47.0290, 26.1147,
-22.8274

■ 74.2510, 12.6943,
-11.6211

■ 40.5170, 29.3251,
-25.8864

■ 80.7630, 9.4838,
-8.5622

■ 34.0050, 32.5355,
-28.9454

■ 87.2750, 6.2734,
-5.5032

■ 33.1190, 32.9723,
-29.0454

■ 93.7870, 3.0630,
-2.4442

■ 100.8860, -0.4368,
0.1000

■ 107.3980, -3.6472,
3.1590

■ 113.9100, -6.8576,
6.2179

■ 120.4220,
-10.0680, 9.2769

Harmonies

Analogous

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



51.6750, 22.8382, -45.3190



60.6400, 19.4045, -17.2243



64.8880, 13.3662, 6.2372

Triad

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



60.6400, 19.4045, -17.2243



62.6140, -11.1487, 29.2795



53.7270, -2.8234, -27.8246

Complementary

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



60.6400, 19.4045, -17.2243



80.3600, -19.4045, 17.2243

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.



58.8020, -13.2134, -8.5964



60.6400, 19.4045, -17.2243



62.0660, -16.7945, 20.1131

Square

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



60.6400, 19.4045, -17.2243



63.5030, -2.7130, 30.2539



60.9350, -18.2090, 7.0730



50.0160, 8.8661, -43.8640

Rectangle

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



60.6400, 19.4045, -17.2243



64.8140, 8.9657, 17.7031



60.9350, -18.2090, 7.0730



56.1470, -6.4815, -21.1769

Sweetspot

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



60.6400, 19.4045, -17.2243



114.3180, 7.7312, -6.4179



79.7370, -1.3493, -33.9723



56.5310, 4.6682, -3.9737



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



60.6400, 19.4045, -17.2243



68.4460, 30.3461, -26.7011



49.8190, 24.7392, -1.5953



47.7440, 1.6052, -1.5295



38.3510, 37.7880, -33.6338



80.4180, 79.6599, -70.5266

Inverse Universe

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



61.1490, 0.9125, 34.0723



69.3840, 1.2897, 53.1602



91.1810, -24.7392, 1.5953



47.7230, 0.1366, 2.8739



39.2870, 1.8305, 66.4003



82.6180, 3.6393, 139.7780

Previews

White Background



This preview shows how the YUV color 60.6400, 19.4045, -17.2243 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 60.6400, 19.4045, -17.2243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

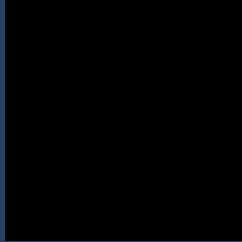
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 60.6400, 19.4045, -17.2243

Background



This preview shows how black text looks on a background with the YUV color 60.6400, 19.4045, -17.2243.



This preview shows how white text looks on a background with the YUV color 60.6400, 19.4045,

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

60.6400, 19.4045, -17.2243

Protanopia

62.3310, 18.0778, -11.6913

Deuteranopia

60.9390, 19.2571, -16.6095



Tritanopia

57.3220, 8.2223, -23.9614

Trichromacy



Original Color

60.6400, 19.4045, -17.2243

Protanomaly

61.4340, 18.5200, -13.5356

Deuteranomaly

60.9390, 19.2571, -16.6095

Tritanomaly

58.3700, 12.1426, -21.3725

Monochromacy



Original Color

60.6400, 19.4045, -17.2243

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

61.0900, 6.8576, -6.2179

CSS Examples

Text

The CSS property to change the color of the text to YUV 60.6400, 19.4045, -17.2243 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(41, 63, 100)` looks like.

```
.text, #text, p{  
    color:rgb(41, 63, 100)  
}
```

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(41, 63, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 63, 100) }
```

Border

The CSS property to change the border of an element to YUV 60.6400, 19.4045, -17.2243 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(41, 63, 100) }
```


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

```
.border{ border-color:rgb(41, 63, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 63, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 63, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 63, 100);  
box-shadow:4px 4px 4px 4px rgb(41, 63,  
100) }
```

Background

The CSS property to change the background color of an element to YUV 60.6400, 19.4045, -17.2243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 63, 100) }
```

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

```
.background{ background-color: rgb(41, 63,  
100) }
```

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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