

Converting Colors

YUV(58.6240, 30.2584,
-45.2742)

Have a look what the booklet for
YUV(58.6240, 30.2584, -45.2742)
contains.

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Color

**YUV(58.6240, 30.2584,
-45.2742)**

Conversions

Conversions Part 1

Format	Color
Hex	074978
RGB	7, 73, 120
RGB Percent	3%, 29%, 47%
CMY	0.9725, 0.7137, 0.5294
CMYK	0.94, 0.39, 0.00, 0.53
HSL	205°, 89%, 25%
HSV	205°, 94%, 47%
XYZ	5.8603, 6.1663, 18.6506
YIQ	58.6240, -54.4230, 0.6250

Conversions

Conversions Part 2

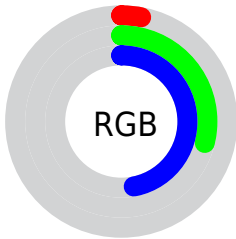
Format	Color
R_{YB}	7, 49, 120
Decimal	477560
CIE _{Lab}	29.83, -0.01, -32.06
CIE _{LCh}	30, 32.059, 269.988
Yxy	6.1663, 0.1910, 0.2010
Android (android.graphics.Color)	4278667640 (0xFF074978)
YUV	58.6240, 30.2584, -45.2742
Hunter-Lab	24.8321, -1.3304, -27.1485

Details

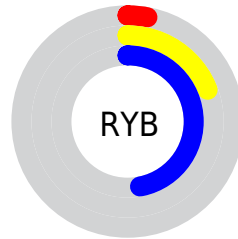
The YUV color **58.6240, 30.2584, -45.2742** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **68.3760, -30.2584, 45.2742**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.4730, 29.3468, -32.8638**, and **25.7040, 22.3309, -22.5424** is the 20% darker color. If you saturate the color by 10%, you get **54.7700, 32.1584, -48.0333**, and if you desaturate by 10%, it is **65.1470, 27.0425, -40.4709**.

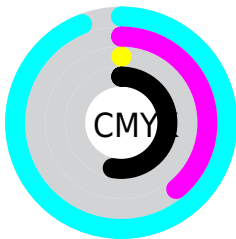
Distribution



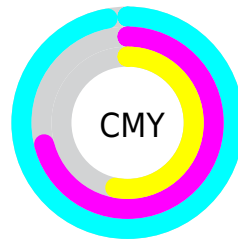
- Red (3%)
- Green (29%)
- Blue (47%)



- Red (3%)
- Yellow (19%)
- Blue (47%)



- Cyan (94%)
- Magenta (39%)
- Yellow (0%)
- Black (53%)



- Cyan (97%)
- Magenta (71%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.6240, 30.2584, -45.2742 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 58.6240, 30.2584, -45.2742 by changing the saturation by 10% instead.

■ 58.6240, 30.2584,
-45.2742

■ 58.6240, 30.2584,
-45.2742

■ 255.0000, 0.0000,
0.0000

■ 40.7670, 26.7369,
-35.7527

■ 113.4730, 29.3468,
-32.8638

■ 25.7040, 22.3309,
-22.5424

■ 140.1850, 29.4888,
-31.7342

■ 7.8200, 19.8087,
-6.8581

■ 167.0110, 30.0676,
-30.7046

■ 3.6650, 11.5042,
-3.2142

■ 194.5980, 29.7782,
-31.2194

■ 0.0000, 0.0000,
0.0000

■ 219.7050, 17.4004,
-27.8053

■ 243.6380, 5.6015,

-23.3615

252.3090, 1.3267,
-5.5330

58.6240, 30.2584,
-45.2742

58.6240, 30.2584,
-45.2742

54.7700, 32.1584,
-48.0333

65.1470, 27.0425,
-40.4709

71.6700, 23.8267,
-35.6676

78.1930, 20.6109,
-30.8643

84.7160, 17.3950,
-26.0609

91.2390, 14.1792,
-21.2576

■ 97.7620, 10.9633,
-16.4543

■ 104.2850, 7.7475,
-11.6509

■ 110.8080, 4.5317,
-6.8476

■ 117.3310, 1.3158,
-2.0443

Harmonies

Analogous

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



59.2550, 26.4963, -51.9666



58.6240, 30.2584, -45.2742



71.7930, 20.8081, -0.6955

Triad

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



58.6240, 30.2584, -45.2742



69.6800, -11.1812, 39.7456



58.8530, -7.3225, -31.4431

Complementary

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



58.6240, 30.2584, -45.2742



68.3760, -30.2584, 45.2742

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.



64.9890, -20.2076, -5.2524



58.6240, 30.2584, -45.2742



69.0950, -20.7528, 29.7347

Square

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



58.6240, 30.2584, -45.2742



70.6550, 0.1701, 38.8906



67.5570, -24.9246, 14.4205



56.0000, 6.4090, -49.1120

Rectangle

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



58.6240, 30.2584, -45.2742



72.7090, 14.9335, 16.9182



67.5570, -24.9246, 14.4205



61.9530, -12.3018, -21.0068

Sweetspot

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



58.6240, 30.2584, -45.2742



131.6910, 11.9843, -17.2690



78.4610, -13.0453, -62.6713



64.4700, 7.1633, -10.9362



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



58.6240, 30.2584, -45.2742



71.2010, 41.8059, -62.4433



26.3390, 46.1749, -16.9603



58.0320, 1.4632, -2.6591



57.1010, 33.4742, -50.0776



115.0170, 67.5326, -100.8699

Inverse Universe

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



48.3110, 12.1717, 62.8713



57.0180, 16.7531, 86.8072



100.6610, -46.1749, 16.9603



57.2500, 0.8628, 3.2887



45.6970, 13.4604, 69.5487



92.1060, 27.0627, 140.2270

Previews

White Background



This preview shows how the YUV color 58.6240, 30.2584, -45.2742 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 58.6240, 30.2584, -45.2742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

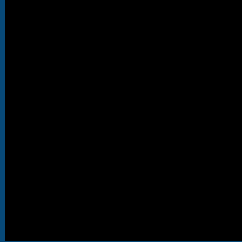
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 58.6240, 30.2584, -45.2742

Background



This preview shows how black text looks on a background with the YUV color 58.6240, 30.2584, -45.2742.



This preview shows how white text looks on a background with the YUV color 58.6240, 30.2584,

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

58.6240, 30.2584, -45.2742

Protanopia

68.9760, 23.1828, -15.7650

Deuteranopia

65.2240, 27.0046, -28.2604



Tritanopia

55.3620, 14.1185, -48.5525

Trichromacy



Original Color

58.6240, 30.2584, -45.2742

Protanomaly

64.8930, 25.6888, -26.2162

Deuteranomaly

63.1200, 28.0418, -34.3082

Tritanomaly

56.5670, 19.9335, -46.9783

Monochromacy



Original Color

58.6240, 30.2584, -45.2742

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

58.7620, 10.9633, -16.4543

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.6240, 30.2584, -45.2742 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(7, 73, 120)` looks like.

```
.text, #text, p{  
    color:rgb(7, 73, 120)  
}
```

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(7, 73, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 73, 120) }
```

Border

The CSS property to change the border of an element to YUV 58.6240, 30.2584, -45.2742 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(7, 73, 120) }
```


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

```
.border{ border-color:rgb(7, 73, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 73, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 73, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 73, 120);  
box-shadow:4px 4px 4px 4px rgb(7, 73, 120)  
}
```

Background

The CSS property to change the background color of an element to YUV 58.6240, 30.2584, -45.2742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 73, 120) }
```

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

```
.background{ background-color: rgb(7, 73,  
120) }
```

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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