

Converting Colors

YUV(48.6120, 58.8583,
-25.0927)

Have a look what the booklet for
YUV(48.6120, 58.8583, -25.0927)
contains.

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Color

**YUV(48.6120, 58.8583,
-25.0927)**

Conversions

Conversions Part 1

Format	Color
Hex	1428A8
RGB	20, 40, 168
RGB Percent	8%, 16%, 66%
CMY	0.9216, 0.8431, 0.3412
CMYK	0.88, 0.76, 0.00, 0.34
HSL	232°, 79%, 37%
HSV	232°, 88%, 66%
XYZ	8.1152, 4.4935, 37.4854
YIQ	48.6120, -53.0080, 35.5680

Conversions

Conversions Part 2

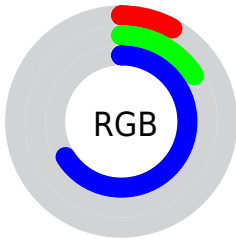
Format	Color
R_{YB}	20, 38, 168
Decimal	1321128
CIE _{Lab}	25.24, 42.41, -69.07
CIE _{LCh}	25, 81.051, 301.551
Yxy	4.4935, 0.1620, 0.0897
Android (android.graphics.Color)	4279511208 (0xFF1428A8)
YUV	48.6120, 58.8583, -25.0927
Hunter-Lab	21.1978, 31.2392, -90.0079

Details

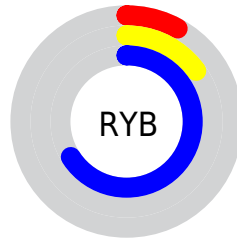
The YUV color **48.6120, 58.8583, -25.0927** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **139.3880, -58.8583, 25.0927**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.9070, 58.2198, -6.9344**, and **12.9960, 49.7950, -11.3975** is the 20% darker color. If you saturate the color by 10%, you get **34.7240, 65.7051, -27.8219**, and if you desaturate by 10%, it is **62.5000, 52.0115, -22.3635**.

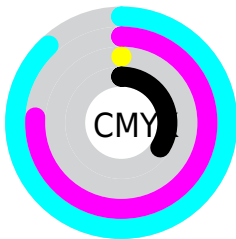
Distribution



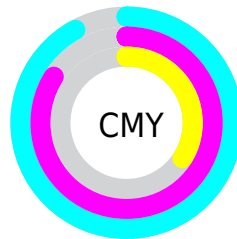
- Red (8%)
- Green (16%)
- Blue (66%)



- Red (8%)
- Yellow (15%)
- Blue (66%)



- Cyan (88%)
- Magenta (76%)
- Yellow (0%)
- Black (34%)



- Cyan (92%)
- Magenta (84%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.6120, 58.8583, -25.0927 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 48.6120, 58.8583, -25.0927 by changing the saturation by 10% instead.

■ 48.6120, 58.8583,
-25.0927

■ 48.6120, 58.8583,
-25.0927

■ 255.0000, 0.0000,
0.0000

■ 26.6400, 56.3795,
-23.3633

■ 105.9070, 58.2198,
-6.9344

■ 12.9960, 49.7950,
-11.3975

■ 132.3850, 59.9562,
-3.8456

■ 10.1460, 38.8750,
-8.8980

■ 156.7310, 48.4466,
1.1129

■ 11.4050, 25.9293,
-10.0022

■ 181.5500, 36.2109,
5.6567

■ 6.4350, 17.0405,
-5.6435

■ 206.3690, 23.9751,
10.2004

■ 2.8670, 8.4466,
-2.5144

■ 231.7750, 11.4499,

■ 0.0000, 0.0000,

14.2293

0.0000

250.3040, 2.3151,
4.1184

48.6120, 58.8583,
-25.0927

48.6120, 58.8583,
-25.0927

34.7240, 65.7051,
-27.8219

62.5000, 52.0115,
-22.3635

32.6530, 66.7261,
-28.6367

75.8010, 45.4541,
-19.1195

89.3900, 38.7547,
-17.0050

102.6910, 32.1973,
-13.7610

116.5790, 25.3506,
-11.0318

■ 129.8800, 18.7932,
-7.7878

■ 143.7680, 11.9464,
-5.0585

■ 156.7700, 5.5364,
-2.4293

■ 170.6580, -1.3104,
0.2999

Harmonies

Analogous

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



62.4080, 61.4239, -54.7318



48.6120, 58.8583, -25.0927



52.5500, 33.2529, 67.9237

Triad

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



48.6120, 58.8583, -25.0927



49.9570, -24.6288, 59.6737



54.0280, 3.9302, -47.3826

Complementary

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



48.6120, 58.8583, -25.0927



139.3880, -58.8583, 25.0927

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.



45.7860, -22.5725, -40.1543



48.6120, 58.8583, -25.0927



56.1610, -27.6874, 13.8908

Square

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



48.6120, 58.8583, -25.0927



44.5510, -21.9636, 91.6018



42.8510, -21.1255, -37.5803



61.6830, 30.7223, -54.0960

Rectangle

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



48.6120, 58.8583, -25.0927



54.5680, 12.5380, 85.4479



42.8510, -21.1255, -37.5803



50.9330, -5.3900, -44.6682

Sweetspot

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



48.6120, 58.8583, -25.0927



173.1940, 22.5824, -9.8171



121.2400, 12.2067, -88.7875



82.2240, 13.6936, -5.4584



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



48.6120, 58.8583, -25.0927



42.5760, 86.9770, -37.3392



52.4200, 56.9809, 17.1717



77.4990, 3.2050, -1.3146



28.6120, 58.8583, -25.0927



4.0410, 7.8678, -3.5440

Inverse Universe

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



66.5320, -13.0803, 88.9874



68.9010, -19.1782, 131.6368



135.5800, -56.9809, -17.1717



78.5060, -0.7425, 4.8182



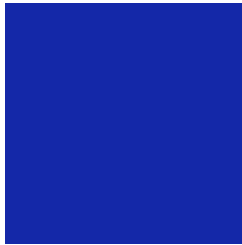
46.5320, -13.0803, 88.9874



6.3220, -1.6377, 11.9956

Previews

White Background



This preview shows how the YUV color 48.6120, 58.8583, -25.0927 looks on a white background.

Color Contrast Check

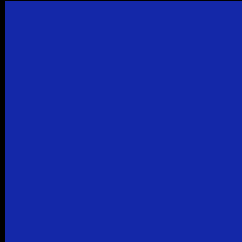
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.6120, 58.8583, -25.0927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

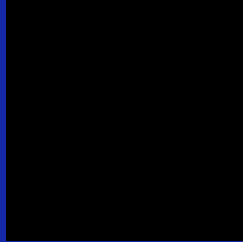
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 48.6120, 58.8583, -25.0927

Background



This preview shows how black text looks on a background with the YUV color 48.6120, 58.8583, -25.0927.



This preview shows how white text looks on a background with the YUV color 48.6120, 58.8583, -25.0927.

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

48.6120, 58.8583, -25.0927

Protanopia

47.9540, 36.5047, -42.0557

Deuteranopia

48.2500, 27.4847, -42.3152

Trichromacy



Original Color

48.6120, 58.8583, -25.0927

Protanomaly

47.8760, 44.9241, -35.8483

Deuteranomaly

48.2690, 38.8144, -36.1929

Monochromacy



Original Color

48.6120, 58.8583, -25.0927

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

48.8520, 21.2720, -9.5172

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.6120, 58.8583, -25.0927 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(20, 40, 168)` looks like.

```
.text, #text, p{  
    color:rgb(20, 40, 168)  
}
```

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(20, 40, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 40, 168) }
```

Border

The CSS property to change the border of an element to YUV 48.6120, 58.8583, -25.0927 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(20, 40, 168) }
```

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

```
.border{ border-color:rgb(20, 40, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 40, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 40, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 40, 168);  
box-shadow:4px 4px 4px 4px rgb(20, 40,  
168) }
```


Background

The CSS property to change the background color of an element to YUV 48.6120, 58.8583, -25.0927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 40, 168) }
```

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

```
.background{ background-color: rgb(20, 40,  
168) }
```

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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