

Converting Colors

YUV(112.8390, 24.2364,
-27.0458)

Have a look what the booklet for
YUV(112.8390, 24.2364, -27.0458)
contains.

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Color

**YUV(112.8390, 24.2364,
-27.0458)**

Conversions

Conversions Part 1

Format	Color
Hex	5277A2
RGB	82, 119, 162
RGB Percent	32%, 47%, 64%
CMY	0.6784, 0.5333, 0.3647
CMYK	0.49, 0.27, 0.00, 0.36
HSL	212°, 33%, 48%
HSV	212°, 49%, 64%
XYZ	16.5981, 17.5961, 36.7040
YIQ	112.8390, -35.8550, 5.5290

Conversions

Conversions Part 2

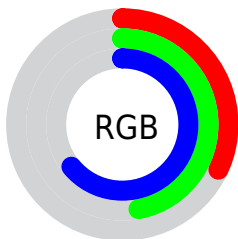
Format	Color
R _Y B	82, 107, 162
Decimal	5404578
CIE Lab	49.00, -0.71, -27.12
CIE LCh	49, 27.128, 268.504
Yxy	17.5961, 0.2341, 0.2482
Android (android.graphics.Color)	4283594658 (0xFF5277A2)
YUV	112.8390, 24.2364, -27.0458
Hunter-Lab	41.9477, -2.7788, -22.5150

Details

The YUV color **112.8390, 24.2364, -27.0458** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **131.1610, -24.2364, 27.0458**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.7790, 25.2520, -26.1162**, and **61.9910, 23.6684, -31.5641** is the 20% darker color. If you saturate the color by 10%, you get **102.7720, 29.1994, -32.2490**, and if you desaturate by 10%, it is **122.9060, 19.2733, -21.8426**.

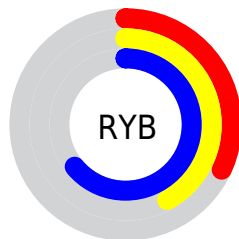
Distribution



Red (32%)

Green (47%)

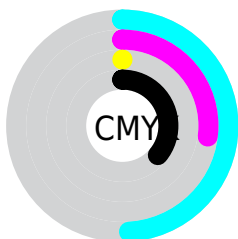
Blue (64%)



Red (32%)

Yellow (42%)

Blue (64%)

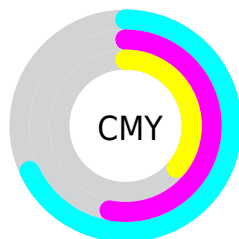


Cyan (49%)

Magenta (27%)

Yellow (0%)

Black (36%)



Cyan (68%)

Magenta (53%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.8390, 24.2364, -27.0458 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 112.8390, 24.2364, -27.0458 by changing the saturation by 10% instead.

■ 112.8390, 24.2364,
-27.0458

■ 112.8390, 24.2364,
-27.0458

■ 255.0000, 0.0000,
0.0000

■ 87.1270, 24.0944,
-28.1754

■ 165.7790, 25.2520,
-26.1162

■ 61.9910, 23.6684,
-31.5641

■ 193.0070, 26.1255,
-26.3161

■ 38.5670, 23.3845,
-33.8233

■ 218.8410, 17.8264,
-24.4166

■ 23.5040, 18.9785,
-20.6130

■ 244.5350, 5.1592,
-21.5172

■ 6.3210, 16.6037,
-5.5435

■ 253.2060, 0.8844,
-3.6887

■ 2.6390, 7.5730,
-2.3144

■ 0.0000, 0.0000,

0.0000

■ 112.8390, 24.2364,
-27.0458

■ 112.8390, 24.2364,
-27.0458

■ 102.7720, 29.1994,
-32.2490

■ 122.9060, 19.2733,
-21.8426

■ 93.2920, 33.8730,
-37.9671

■ 132.3860, 14.5997,
-16.1245

■ 82.9260, 38.9835,
-43.7851

■ 142.7520, 9.4893,
-10.3065

■ 72.8590, 43.9465,
-48.9883

■ 152.8190, 4.5262,
-5.1033

■ 62.7920, 48.9095,
-54.1916

■ 162.8860, -0.4368,
0.1000

■ 62.4930, 49.0570,
-54.8064

■ 172.3660, -5.1104,
5.8180

■ 182.4330,
-10.0735, 11.0213

■ 192.7990,
-15.1839, 16.8393

■ 202.2790,
-19.8575, 22.5573

Harmonies

Analogous

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



104.2010, 25.0439, -52.7963



112.8390, 24.2364, -27.0458



118.3370, 19.0609, -0.2955

Triad

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



112.8390, 24.2364, -27.0458



117.7830, -10.7390, 37.9013



108.9680, -8.3652, -23.6509

Complementary

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



112.8390, 24.2364, -27.0458



131.1610, -24.2364, 27.0458

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.



112.7550, -18.6132, -3.2931



112.8390, 24.2364, -27.0458



116.8500, -19.1530, 29.9496

Square

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



112.8390, 24.2364, -27.0458



119.1060, -0.5453, 34.9870



115.2520, -22.3092, 15.5650



104.5660, 4.6510, -45.2234

Rectangle

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



112.8390, 24.2364, -27.0458



119.3560, 13.6285, 15.4738



115.2520, -22.3092, 15.5650



110.2740, -12.4601, -16.9033

Sweetspot

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



112.8390, 24.2364, -27.0458



192.4530, 9.6367, -10.9213



133.8620, -4.3690, -45.4830



95.4490, 5.6946, -6.5328



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



112.8390, 24.2364, -27.0458



135.2960, 37.8151, -42.3556



92.0170, 34.5016, -6.1539



76.3740, 2.7736, -2.9590



55.8590, 43.9465, -48.9883



6.7480, 5.5472, -5.9180

Inverse Universe

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



110.1380, 4.3690, 45.4830



130.9870, 6.9084, 71.0484



151.9830, -34.5016, 6.1539



76.1470, 0.4205, 5.1331



50.9930, 7.8915, 82.4441



6.2940, 0.8411, 10.2662

Previews

White Background



This preview shows how the YUV color 112.8390, 24.2364, -27.0458 looks on a white background.

Color Contrast Check

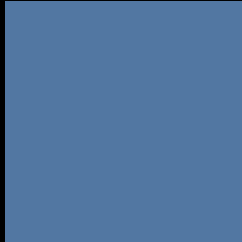
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 112.8390, 24.2364, -27.0458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

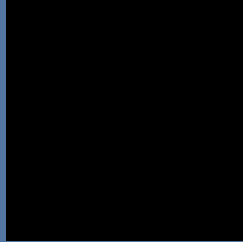
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

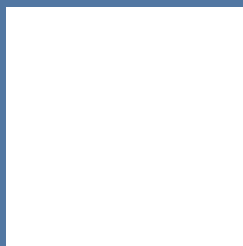
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 112.8390, 24.2364, -27.0458

Background



This preview shows how black text looks on a background with the YUV color 112.8390, 24.2364, -27.0458.

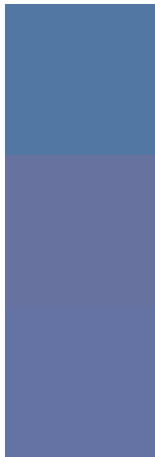


This preview shows how white text looks on a background with the YUV color 112.8390, 24.2364, -27.0458.

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

112.8390, 24.2364, -27.0458

Protanopia

115.7270, 20.8406, -11.1616

Deuteranopia

115.9870, 23.1774, -14.0206



Tritanopia

109.8910, 11.8857, -32.3534

Trichromacy



Original Color

112.8390, 24.2364, -27.0458

Protanomaly

114.6230, 21.8779, -17.2094

Deuteranomaly

114.4810, 23.9199, -18.8388

Tritanomaly

110.7540, 16.3903, -30.4793

Monochromacy



Original Color

112.8390, 24.2364, -27.0458

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.9370, 8.9051, -9.5917

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.8390, 24.2364, -27.0458 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(82, 119, 162)` looks like.

```
.text, #text, p{  
    color:rgb(82, 119, 162)  
}
```

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(82, 119, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 119, 162) }
```

Border

The CSS property to change the border of an element to YUV 112.8390, 24.2364, -27.0458 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(82, 119, 162) }
```


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

```
.border{ border-color:rgb(82, 119, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 119, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 119, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 119, 162);  
box-shadow:4px 4px 4px 4px rgb(82, 119,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 112.8390, 24.2364, -27.0458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 119, 162) }
```

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

```
.background{ background-color: rgb(82, 119,  
162) }
```

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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