

Converting Colors

YUV(127.9150, 22.2269,
-35.8825)

Have a look what the booklet for
YUV(127.9150, 22.2269, -35.8825)
contains.

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Color

**YUV(127.9150, 22.2269,
-35.8825)**

Conversions

Conversions Part 1

Format	Color
Hex	578CAD
RGB	87, 140, 173
RGB Percent	34%, 55%, 68%
CMY	0.6588, 0.4510, 0.3216
CMYK	0.50, 0.19, 0.00, 0.32
HSL	203°, 34%, 51%
HSV	203°, 50%, 68%
XYZ	20.8514, 23.7995, 43.0299
YIQ	127.9150, -42.1810, -0.9730

Conversions

Conversions Part 2

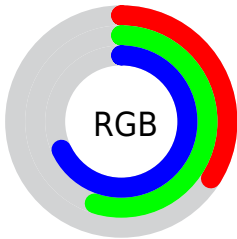
Format	Color
R _Y B	87, 120, 173
Decimal	5737645
CIE Lab	55.89, -8.30, -22.83
CIE LCh	56, 24.288, 250.020
Yxy	23.7995, 0.2378, 0.2714
Android (android.graphics.Color)	4283927725 (0xFF578CAD)
YUV	127.9150, 22.2269, -35.8825
Hunter-Lab	48.7848, -9.0796, -18.1466

Details

The YUV color $127.9150, 22.2269, -35.8825$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $132.0850, -22.2269, 35.8825$, and the grayscale version is $128.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $182.4420, 22.9531, -35.4676$, and $75.2950, 22.5326, -40.6007$ is the 20% darker color. If you saturate the color by 10%, you get $118.7230, 26.7586, -42.7301$, and if you desaturate by 10%, it is $137.1070, 17.6952, -29.0348$.

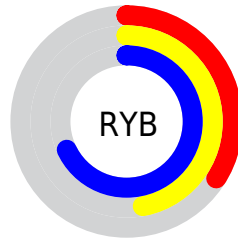
Distribution



Red (34%)

Green (55%)

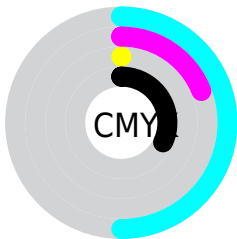
Blue (68%)



Red (34%)

Yellow (47%)

Blue (68%)

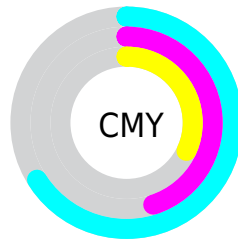


Cyan (50%)

Magenta (19%)

Yellow (0%)

Black (32%)



Cyan (66%)

Magenta (45%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.9150, 22.2269, -35.8825 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 127.9150, 22.2269, -35.8825 by changing the saturation by 10% instead.

■ 127.9150, 22.2269,
-35.8825

■ 127.9150, 22.2269,
-35.8825

■ 255.0000, 0.0000,
0.0000

■ 102.0890, 21.6481,
-36.9121

■ 182.4420, 22.9531,
-35.4676

■ 75.2950, 22.5326,
-40.6007

■ 209.3280, 22.5163,
-35.3677

■ 50.2730, 22.5434,
-44.0894

■ 235.0220, 9.8492,
-32.4683

■ 34.6230, 18.4269,
-30.3644

■ 246.6280, 4.1274,
-17.2138

■ 20.2610, 14.1683,
-17.7689

■ 4.3660, 11.6516,
-3.8290

■ 0.0000, 0.0000,

0.0000

■ 127.9150, 22.2269,
-35.8825

■ 127.9150, 22.2269,
-35.8825

■ 118.7230, 26.7586,
-42.7301

■ 137.1070, 17.6952,
-29.0348

■ 109.8190, 31.1482,
-50.7073

■ 146.0110, 13.3056,
-21.0576

■ 100.6270, 35.6799,
-57.5549

■ 155.2030, 8.7739,
-14.2100

■ 91.4350, 40.2115,
-64.4025

■ 164.3950, 4.2423,
-7.3624

■ 82.8300, 44.4538,
-71.7649

■ 173.2990, -0.1474,
0.6148

■ 82.5310, 44.6012,
-72.3797

■ 182.4910, -4.6791,
7.4624

■ 191.0960, -8.9213,
14.8248

■ 200.2880,
-13.4530, 21.6724

■ 209.7790,
-18.1320, 29.1348

Harmonies

Analogous

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



123.1000, 18.1917, -48.3227



127.9150, 22.2269, -35.8825



133.0040, 20.7040, -14.0355

Triad

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



127.9150, 22.2269, -35.8825



136.3680, -4.6184, 34.7573



129.5630, -14.0816, -10.1408

Complementary

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



127.9150, 22.2269, -35.8825



132.0850, -22.2269, 35.8825

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.



132.1910, -19.8142, 8.6025



127.9150, 22.2269, -35.8825



135.3650, -13.4909, 33.8829

Square

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



127.9150, 22.2269, -35.8825



137.3590, 5.7390, 25.9952



134.1050, -19.2788, 23.5869



126.2000, -3.5496, -28.2394

Rectangle

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



127.9150, 22.2269, -35.8825



135.4790, 17.0189, 1.3339



134.1050, -19.2788, 23.5869



130.3250, -16.4292, -3.7930

Sweetspot

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



127.9150, 22.2269, -35.8825



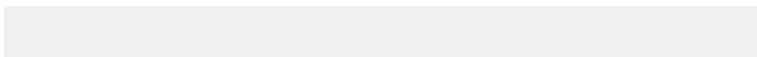
206.5020, 8.6265, -13.5953



141.2440, -10.4733, -47.5720



101.3240, 5.2633, -8.1771



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



127.9150, 22.2269, -35.8825



153.9970, 34.5115, -56.1254



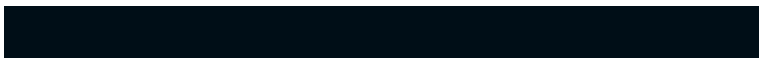
102.6740, 34.6707, -13.7461



81.9610, 2.4842, -3.4738



71.6910, 38.6063, -62.8730



10.8400, 5.9949, -9.5067

Inverse Universe

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



118.7560, 10.4733, 47.5720



139.5280, 16.5017, 74.0819



157.3260, -34.6707, 13.7461



81.2610, 0.8573, 5.0331



55.4520, 18.5112, 82.9186



8.4730, 2.7248, 12.7402

Previews

White Background



This preview shows how the YUV color 127.9150, 22.2269, -35.8825 looks on a white background.

Color Contrast Check

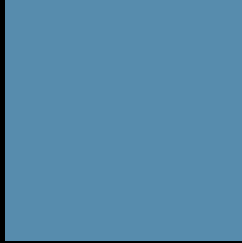
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 127.9150, 22.2269, -35.8825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

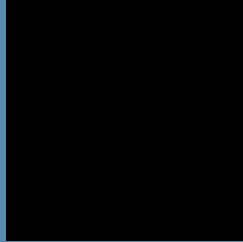
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 127.9150, 22.2269, -35.8825

Background



This preview shows how black text looks on a background with the YUV color 127.9150, 22.2269, -35.8825.



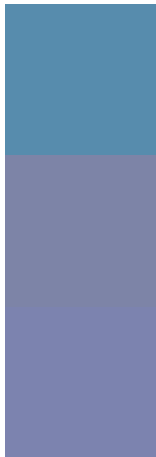
This preview shows how white text looks on a background with the YUV color 127.9150, 22.2269, -35.8825.

-35.8825.

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

127.9150, 22.2269, -35.8825

Protanopia

133.8970, 16.3198, -7.8027

Deuteranopia

133.9230, 20.2510, -8.7025



Tritanopia

125.8300, 14.3808, -39.3159

Trichromacy



Original Color

127.9150, 22.2269, -35.8825

Protanomaly

131.7000, 18.3889, -18.1539

Deuteranomaly

131.6830, 20.8623, -18.1390

Tritanomaly

126.6390, 17.4330, -38.2714

Monochromacy



Original Color

127.9150, 22.2269, -35.8825

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

127.6870, 8.0423, -12.8805

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.9150, 22.2269, -35.8825 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(87, 140, 173)` looks like.

```
.text, #text, p{  
    color:rgb(87, 140, 173)  
}
```

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(87, 140, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 140, 173) }
```

Border

The CSS property to change the border of an element to YUV 127.9150, 22.2269, -35.8825 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(87, 140, 173) }
```


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

```
.border{ border-color:rgb(87, 140, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 140, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 140, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 140, 173);  
box-shadow:4px 4px 4px 4px rgb(87, 140,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 127.9150, 22.2269, -35.8825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 140, 173) }
```

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

```
.background{ background-color: rgb(87, 140,  
173) }
```

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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