

Converting Colors

YUV(61.6580, 28.7626,
-32.1491)

Have a look what the booklet for
YUV(61.6580, 28.7626, -32.1491)
contains.

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Color

**YUV(61.6580, 28.7626,
-32.1491)**

Conversions

Conversions Part 1

Format	Color
Hex	194578
RGB	25, 69, 120
RGB Percent	10%, 27%, 47%
CMY	0.9020, 0.7294, 0.5294
CMYK	0.79, 0.43, 0.00, 0.53
HSL	212°, 66%, 28%
HSV	212°, 79%, 47%
XYZ	5.9192, 5.8190, 18.5805
YIQ	61.6580, -42.5950, 6.5330

Conversions

Conversions Part 2

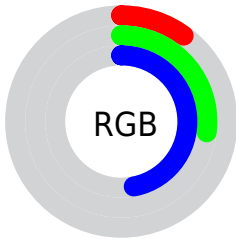
Format	Color
R_{YB}	25, 55, 120
Decimal	1656184
CIE _{Lab}	28.95, 4.43, -33.43
CIE _{LCh}	29, 33.724, 277.554
Yxy	5.8190, 0.1952, 0.1919
Android (android.graphics.Color)	4279846264 (0xFF194578)
YUV	61.6580, 28.7626, -32.1491
Hunter-Lab	24.1226, 1.5858, -28.7826




Details

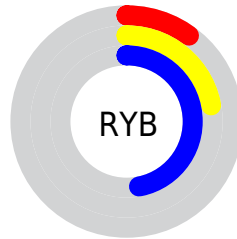
The YUV color **61.6580, 28.7626, -32.1491** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **83.3420, -28.7626, 32.1491**, and the grayscale version is **61.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **113.5170, 29.3251, -25.8864**, and **23.9430, 23.1991, -20.9980** is the 20% darker color. If you saturate the color by 10%, you get **54.5480, 32.2678, -36.4376**, and if you desaturate by 10%, it is **68.7680, 25.2574, -27.8605**.

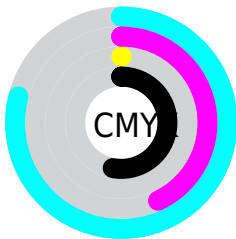
Distribution







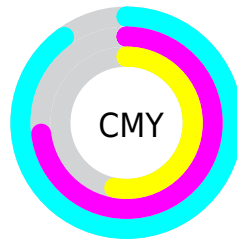
-  Red (10%)
-  Green (27%)
-  Blue (47%)






-  Red (10%)
-  Yellow (22%)
-  Blue (47%)



-  Cyan (79%)
-  Magenta (43%)
-  Yellow (0%)
-  Black (53%)



-  Cyan (90%)
-  Magenta (73%)
-  Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.6580, 28.7626, -32.1491 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 61.6580, 28.7626, -32.1491 by changing the saturation by 10% instead.

■ 61.6580, 28.7626,
-32.1491

■ 61.6580, 28.7626,
-32.1491

■ 255.0000, 0.0000,
0.0000

■ 38.4190, 27.8944,
-33.6935

■ 113.5170, 29.3251,
-25.8864

■ 23.9430, 23.1991,
-20.9980

■ 139.3430, 29.9039,
-24.8568

■ 7.8200, 19.8087,
-6.8581

■ 166.4570, 30.3407,
-24.9568

■ 3.5510, 11.0674,
-3.1142

■ 193.7560, 30.1933,
-24.3420

■ 0.0000, 0.0000,
0.0000

■ 218.5640, 17.9629,
-21.5426

■ 243.6710, 5.5852,

-18.1285

254.4020, 0.2948,
-1.2296

■ 61.6580, 28.7626,
-32.1491

■ 61.6580, 28.7626,
-32.1491

■ 54.5480, 32.2678,
-36.4376

■ 68.7680, 25.2574,
-27.8605

■ 46.8510, 36.0625,
-40.2113

■ 76.4650, 21.4628,
-24.0868

■ 46.5520, 36.2099,
-40.8261

■ 83.5750, 17.9575,
-19.7983

■ 91.2720, 14.1629,
-16.0245

■ 98.3820, 10.6577,
-11.7360

■ 106.0790, 6.8631,
-7.9623

■ 113.1890, 3.3578,
-3.6738

■ 120.8860, -0.4368,
0.1000

■ 127.9960, -3.9420,
4.3885

Harmonies

Analogous

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



57.8360, 28.6749, -50.7222



61.6580, 28.7626, -32.1491



70.4950, 19.4760, 6.5819

Triad

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



61.6580, 28.7626, -32.1491



66.5830, -14.0914, 39.8307



51.7310, -2.3324, -45.3681

Complementary

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



61.6580, 28.7626, -32.1491



83.3420, -28.7626, 32.1491

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.



61.7000, -18.5861, -12.0149



61.6580, 28.7626, -32.1491



66.5740, -23.9470, 27.5606

Square

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



61.6580, 28.7626, -32.1491



67.3950, -2.1667, 41.7496



64.4810, -26.3661, 10.1022



55.9830, 8.8824, -49.0971

Rectangle

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



61.6580, 28.7626, -32.1491



70.2970, 13.1646, 24.2955



64.4810, -26.3661, 10.1022



56.5110, -8.6329, -31.1431

Sweetspot

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



61.6580, 28.7626, -32.1491



132.8980, 11.3893, -13.0655



86.5790, -5.2154, -54.0048



65.0790, 6.8631, -7.9623



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.



61.6580, 28.7626, -32.1491



64.7880, 44.9675, -49.8031



36.7270, 41.0536, -7.6536



57.4450, 1.7526, -2.1443



48.2960, 37.8151, -42.3556



97.4070, 76.2143, -85.4259

Inverse Universe

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



58.4210, 5.2154, 54.0048



60.0040, 7.8860, 84.1885



108.2730, -41.0536, 7.6536



57.1360, 0.4260, 3.3887



43.9870, 6.9084, 71.0484



88.6860, 13.9588, 143.2264

Previews

White Background



This preview shows how the YUV color 61.6580, 28.7626, -32.1491 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 61.6580, 28.7626, -32.1491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

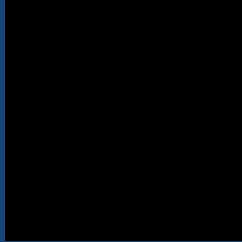
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.6580, 28.7626, -32.1491

Background



This preview shows how black text looks on a background with the YUV color 61.6580, 28.7626, -32.1491.



This preview shows how white text looks on a background with the YUV color 61.6580, 28.7626,

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

61.6580, 28.7626, -32.1491

Protanopia

66.5350, 25.3722, -18.0092

Deuteranopia

61.0600, 29.0574, -33.3786



Tritanopia

53.8460, 13.3869, -47.2229

Trichromacy



Original Color

61.6580, 28.7626, -32.1491

Protanomaly

64.8440, 26.6989, -23.5422

Deuteranomaly

61.3590, 28.9100, -32.7638

Tritanomaly

56.3720, 19.0436, -41.5452

Monochromacy



Original Color

61.6580, 28.7626, -32.1491

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

62.2680, 10.2209, -11.6360

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.6580, 28.7626, -32.1491 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(25, 69, 120)` looks like.

```
.text, #text, p{  
  color:rgb(25, 69, 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(25, 69, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 69, 120) }
```

Border

The CSS property to change the border of an element to YUV 61.6580, 28.7626, -32.1491 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(25, 69, 120) }
```


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

```
.border{ border-color:rgb(25, 69, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 69, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 69, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 69, 120);  
box-shadow:4px 4px 4px 4px rgb(25, 69,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 61.6580, 28.7626, -32.1491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 69, 120) }
```

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

```
.background{ background-color: rgb(25, 69,  
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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