

Converting Colors

YUV(52.8160, 29.1777,
-25.2716)

Have a look what the booklet for
YUV(52.8160, 29.1777, -25.2716)
contains.

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Color

**YUV(52.8160, 29.1777,
-25.2716)**

Conversions

Conversions Part 1

Format	Color
Hex	183870
RGB	24, 56, 112
RGB Percent	9%, 22%, 44%
CMY	0.9059, 0.7804, 0.5608
CMYK	0.79, 0.50, 0.00, 0.56
HSL	218°, 65%, 27%
HSV	218°, 79%, 44%
XYZ	4.7155, 4.1924, 15.8899
YIQ	52.8160, -37.0480, 10.6320

Conversions

Conversions Part 2

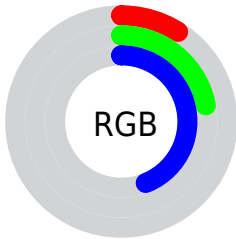
Format	Color
R _Y B	24, 47, 112
Decimal	1587312
CIE Lab	24.30, 10.03, -35.82
CIE LCh	24, 37.196, 285.640
Yxy	4.1924, 0.1902, 0.1691
Android (android.graphics.Color)	4279777392 (0xFF183870)
YUV	52.8160, 29.1777, -25.2716
Hunter-Lab	20.4753, 5.2770, -31.6794

Details

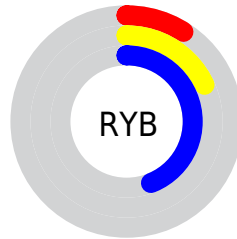
The YUV color **52.8160, 29.1777, -25.2716** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **83.1840, -29.1777, 25.2716**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.0880, 30.0296, -18.4942**, and **14.9270, 24.1930, -13.0910** is the 20% darker color. If you saturate the color by 10%, you get **45.4180, 32.8249, -28.4306**, and if you desaturate by 10%, it is **60.2140, 25.5305, -22.1127**.

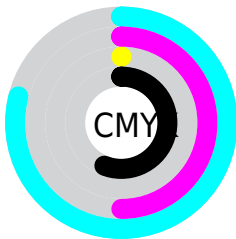
Distribution



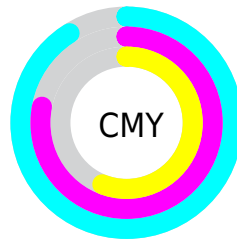
- Red (9%)
- Green (22%)
- Blue (44%)



- Red (9%)
- Yellow (18%)
- Blue (44%)



- Cyan (79%)
- Magenta (50%)
- Yellow (0%)
- Black (56%)



- Cyan (91%)
- Magenta (78%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.8160, 29.1777, -25.2716 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 52.8160, 29.1777, -25.2716 by changing the saturation by 10% instead.

■ 52.8160, 29.1777,
-25.2716

■ 52.8160, 29.1777,
-25.2716

■ 255.0000, 0.0000,
0.0000

■ 30.4630, 27.8727,
-26.7161

■ 103.0880, 30.0296,
-18.4942

■ 14.9270, 24.1930,
-13.0910

■ 128.7290, 31.1926,
-18.1793

■ 6.4350, 17.0405,
-5.6435

■ 155.2560, 31.9188,
-17.7645

■ 2.7530, 8.0098,
-2.4144

■ 182.6690, 32.2082,
-17.2497

■ 0.0000, 0.0000,
0.0000

■ 207.6880, 23.3248,
-14.6354

■ 233.3820, 10.6577,

-11.7360

253.2060, 0.8844,
-3.6887

52.8160, 29.1777,
-25.2716

52.8160, 29.1777,
-25.2716

45.4180, 32.8249,
-28.4306

60.2140, 25.5305,
-22.1127

38.0200, 36.4721,
-31.5895

67.6120, 21.8833,
-18.9537

36.8350, 37.0563,
-32.3043

75.3090, 18.0887,
-15.1800

83.2940, 14.1521,
-12.5358

90.6920, 10.5048,
-9.3769

■ 98.0900, 6.8576,
-6.2179

■ 105.4880, 3.2104,
-3.0590

■ 113.1850, -0.5842,
0.7148

■ 120.5830, -4.2314,
3.8737

Harmonies

Analogous

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



50.9230, 30.1110, -44.6595



52.8160, 29.1777, -25.2716



59.3220, 18.5753, 15.5036

Triad

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



52.8160, 29.1777, -25.2716



54.8450, -18.1646, 39.6009



45.9920, -1.4751, -40.3350

Complementary

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



52.8160, 29.1777, -25.2716



83.1840, -29.1777, 25.2716

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.



47.9160, -16.2276, -21.8513



52.8160, 29.1777, -25.2716



54.4550, -26.8463, 24.1570

Square

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



52.8160, 29.1777, -25.2716



54.0320, -4.9458, 46.4529



52.8500, -26.0550, 3.6396



49.8850, 10.9027, -43.7491

Rectangle

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



52.8160, 29.1777, -25.2716



57.5970, 11.5377, 32.8024



52.8500, -26.0550, 3.6396



44.2650, -5.5536, -38.8204

Sweetspot

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



52.8160, 29.1777, -25.2716



121.6210, 11.5258, -10.1916



82.0400, -1.0057, -50.9011



59.5030, 7.1470, -5.7031



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



52.8160, 29.1777, -25.2716



53.2670, 45.2244, -38.8222



37.6200, 36.6693, -1.4207



52.4450, 1.7526, -2.1443



39.5080, 39.6826, -34.6485



80.9880, 81.8439, -71.0265

Inverse Universe

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



53.9600, 1.0057, 50.9011



55.2500, 1.3558, 78.7108



98.3800, -36.6693, 1.4207



52.1360, 0.4260, 3.3887



40.8960, 1.5303, 69.3742



84.1130, 2.9023, 142.8519

Previews

White Background



This preview shows how the YUV color 52.8160, 29.1777, -25.2716 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 52.8160, 29.1777, -25.2716 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 52.8160, 29.1777, -25.2716

Background



This preview shows how black text looks on a background with the YUV color 52.8160, 29.1777, -25.2716.



This preview shows how white text looks on a background with the YUV color 52.8160, 29.1777, -25.2716.

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

52.8160, 29.1777, -25.2716

Protanopia

53.1150, 29.0303, -24.6569

Deuteranopia

46.3750, 27.9161, -40.6709



Tritanopia

45.4340, 11.6180, -39.8456

Trichromacy



Original Color

52.8160, 29.1777, -25.2716

Protanomaly

53.1150, 29.0303, -24.6569

Deuteranomaly

48.8210, 28.1892, -34.9230

Tritanomaly

48.1880, 18.1483, -34.3679

Monochromacy



Original Color

52.8160, 29.1777, -25.2716

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

52.6920, 10.5048, -9.3769

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.8160, 29.1777, -25.2716 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(24, 56, 112)` looks like.

```
.text, #text, p{  
    color:rgb(24, 56, 112)  
}
```

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(24, 56, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 56, 112) }
```

Border

The CSS property to change the border of an element to YUV 52.8160, 29.1777, -25.2716 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(24, 56, 112) }
```


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

```
.border{ border-color:rgb(24, 56, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 56, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 56, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 56, 112);  
box-shadow:4px 4px 4px 4px rgb(24, 56,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 52.8160, 29.1777, -25.2716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 56, 112) }
```

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

```
.background{ background-color: rgb(24, 56,  
112) }
```

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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