

Converting Colors

YUV(27.6710, 42.5602,
-24.2675)

Have a look what the booklet for
YUV(27.6710, 42.5602, -24.2675)
contains.

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Color

**YUV(27.6710, 42.5602,
-24.2675)**

Conversions

Conversions Part 1

Format	Color
Hex	001972
RGB	0, 25, 114
RGB Percent	0%, 10%, 45%
CMY	1.0000, 0.9020, 0.5529
CMYK	1.00, 0.78, 0.00, 0.55
HSL	227°, 100%, 22%
HSV	227°, 100%, 45%
XYZ	3.3849, 1.9102, 16.1099
YIQ	27.6710, -43.4690, 22.3790

Conversions

Conversions Part 2

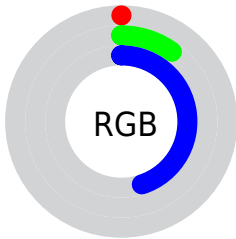
Format	Color
RYB	0, 21, 114
Decimal	6514
CIELab	15.01, 30.84, -52.32
CIELCh	15, 60.734, 300.522
Yxy	1.9102, 0.1581, 0.0892
Android (android.graphics.Color)	4278196594 (0xFF001972)
YUV	27.6710, 42.5602, -24.2675
Hunter-Lab	13.8209, 19.5302, -59.4350

Details

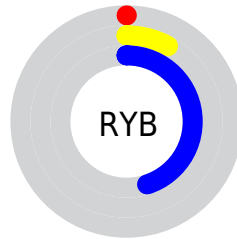
The YUV color **27.6710, 42.5602, -24.2675** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **86.3290, -42.5602, 24.2675**, and the grayscale version is **27.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **81.9660, 41.9218, -6.1092**, and **7.4100, 28.3919, -6.4986** is the 20% darker color. If you saturate the color by 10%, you get **27.6710, 42.5602, -24.2675**, and if you desaturate by 10%, it is **36.2430, 38.3342, -22.1381**.

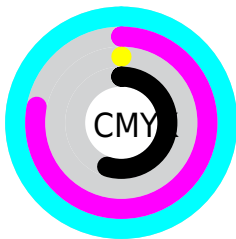
Distribution



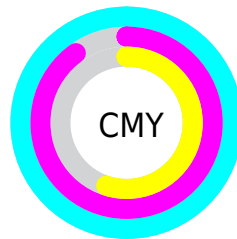
- Red (0%)
- Green (10%)
- Blue (45%)



- Red (0%)
- Yellow (8%)
- Blue (45%)



- Cyan (100%)
- Magenta (78%)
- Yellow (0%)
- Black (55%)



- Cyan (100%)
- Magenta (90%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 27.6710, 42.5602, -24.2675 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 27.6710, 42.5602, -24.2675 by changing the saturation by 10% instead.

■ 27.6710, 42.5602,
-24.2675

■ 27.6710, 42.5602,
-24.2675

■ 254.4130, 0.2894,
0.5148

■ 12.4940, 37.7175,
-10.9572

■ 81.9660, 41.9218,
-6.1092

■ 7.4100, 28.3919,
-6.4986

■ 107.0310, 43.3687,
-3.5352

■ 6.5490, 17.4773,
-5.7435

■ 133.2700, 44.2369,
-1.9908

■ 2.8670, 8.4466,
-2.5144

■ 160.2100, 45.2525,
-1.0612

■ 0.0000, 0.0000,
0.0000

■ 185.0720, 34.4745,
2.5679

■ 209.5920, 22.3861,

6.4968

■ 234.9980, 9.8610,
10.5258

■ 27.6710, 42.5602,
-24.2675

■ 36.2430, 38.3342,
-22.1381

■ 45.1140, 33.9608,
-19.3940

■ 53.6860, 29.7348,
-17.2646

■ 62.5570, 25.3614,
-14.5205

■ 71.1290, 21.1354,
-12.3911

■ 79.1140, 17.1988,
-9.7470

■ 87.9850, 12.8254,
-7.0028

■ 96.5570, 8.5994,
-4.8735

■ 105.4280, 4.2260,
-2.1294

Harmonies

Analogous

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



40.8930, 42.4508, -35.8632



27.6710, 42.5602, -24.2675



34.6490, 22.8510, 44.1578

Triad

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



27.6710, 42.5602, -24.2675



30.6650, -15.1178, 42.3898



35.3290, 0.8238, -30.9835

Complementary

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



27.6710, 42.5602, -24.2675



86.3290, -42.5602, 24.2675

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.



29.9370, -14.7589, -26.2547



27.6710, 42.5602, -24.2675



35.7720, -17.6356, 9.8470

Square

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



27.6710, 42.5602, -24.2675



30.1990, -14.8881, 62.0925



27.0020, -13.3120, -23.6808



40.9320, 19.7535, -35.8974

Rectangle

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



27.6710, 42.5602, -24.2675



36.5400, 8.1148, 57.4084



27.0020, -13.3120, -23.6808



33.6190, -5.7282, -29.4839

Sweetspot

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



27.6710, 42.5602, -24.2675



114.2990, 16.6146, -9.0322



76.8360, 5.0109, -67.3852



53.6000, 10.0572, -5.7882



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.



27.6710, 42.5602, -24.2675



35.6560, 55.3856, -31.2703



21.9660, 45.3728, 7.0458



51.8580, 2.0420, -1.6295



28.9420, 44.8916, -25.3821



59.8560, 92.2620, -52.4937

Inverse Universe

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



36.9360, -5.8844, 67.5851



47.9000, -7.8387, 87.7877



92.0340, -45.3728, -7.0458



52.0220, -0.0108, 3.4887



38.8440, -6.3321, 71.1738



80.0090, -12.8224, 146.4511

Previews

White Background



This preview shows how the YUV color 27.6710, 42.5602, -24.2675 looks on a white background.

Color Contrast Check

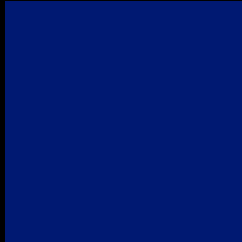
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.6710, 42.5602, -24.2675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

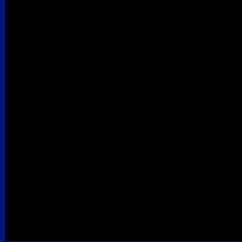
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 27.6710, 42.5602, -24.2675

Background



This preview shows how black text looks on a background with the YUV color 27.6710, 42.5602, -24.2675.



This preview shows how white text looks on a background with the YUV color 27.6710, 42.5602,

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



Protanopia

31.4260, 23.9470, -27.5606

Deuteranopia

31.8190, 17.8372, -27.9053

Tritanopia

31.0720, 7.3595, -27.2501

Trichromacy



Protanomaly

29.8590, 30.6355, -26.1863

Deuteranomaly

30.2350, 26.9991, -26.5161

Tritanomaly

29.8130, 20.3052, -26.1460

Monochromacy



Achromatopsia

28.0000, 0.0000, 0.0000

Achromatomaly

27.9570, 15.3042, -8.7323

CSS Examples

Text

The CSS property to change the color of the text to YUV 27.6710, 42.5602, -24.2675 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(0, 25, 114)` looks like.

```
.text, #text, p{  
    color:rgb(0, 25, 114)  
}
```

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(0, 25, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 25, 114) }
```

Border

The CSS property to change the border of an element to YUV 27.6710, 42.5602, -24.2675 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(0, 25, 114) }
```

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

```
.border{ border-color:rgb(0, 25, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 25, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 25, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 25, 114);  
box-shadow:4px 4px 4px 4px rgb(0, 25, 114)  
}
```


Background

The CSS property to change the background color of an element to YUV 27.6710, 42.5602, -24.2675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 25, 114) }
```

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

```
.background{ background-color: rgb(0, 25,  
114) }
```

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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