

Converting Colors

YUV(24.5980, 13.0162,
-21.5724)

Have a look what the booklet for
YUV(24.5980, 13.0162, -21.5724)
contains.

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Color

**YUV(24.5980, 13.0162,
-21.5724)**

Conversions

Conversions Part 1

Format	Color
Hex	002033
RGB	0, 32, 51
RGB Percent	0%, 13%, 20%
CMY	1.0000, 0.8745, 0.8000
CMYK	1.00, 0.37, 0.00, 0.80
HSL	202°, 100%, 10%
HSV	202°, 100%, 20%
XYZ	1.1141, 1.2720, 3.3188
YIQ	24.5980, -25.1710, -0.8750

Conversions

Conversions Part 2

Format	Color
RYB	0, 20, 51
Decimal	8243
CIELab	11.08, -3.14, -15.79
CIELCh	11, 16.097, 258.750
Yxy	1.2720, 0.1953, 0.2230
Android (android.graphics.Color)	4278198323 (0xFF002033)
YUV	24.5980, 13.0162, -21.5724
Hunter-Lab	11.2785, -2.1057, -9.5516

Details

The YUV color **24.5980, 13.0162, -21.5724** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **26.4020, -13.0162, 21.5724**, and the grayscale version is **24.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **70.7340, 13.4421, -18.1837**, and **0.1140, 0.4368, -0.1000** is the 20% darker color. If you saturate the color by 10%, you get **24.5980, 13.0162, -21.5724**, and if you desaturate by 10%, it is **27.2670, 11.7004, -19.5282**.

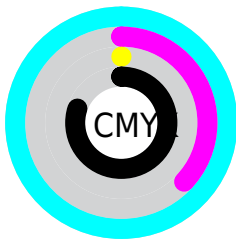
Distribution



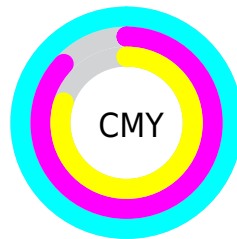
- Red (0%)
- Green (13%)
- Blue (20%)



- Red (0%)
- Yellow (8%)
- Blue (20%)



- Cyan (100%)
- Magenta (37%)
- Yellow (0%)
- Black (80%)



- Cyan (100%)
- Magenta (87%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 24.5980, 13.0162, -21.5724 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 24.5980, 13.0162, -21.5724 by changing the saturation by 10% instead.

■ 24.5980, 13.0162,
-21.5724

■ 24.5980, 13.0162,
-21.5724

■ 249.0200, 2.9481,
-12.2955

■ 8.1160, 10.7888,
-7.1177

■ 70.7340, 13.4421,
-18.1837

■ 0.1140, 0.4368,
-0.1000

■ 94.7340, 13.4421,
-18.1837

■ 0.0000, 0.0000,
0.0000

■ 119.2610, 14.1683,
-17.7689

■ 145.3750, 14.6051,
-17.8689

■ 172.0760, 14.7525,
-18.4837

■ 199.1900, 15.1893,

-18.5836

■ 227.4350, 13.5895,
-18.7985

■ 24.5980, 13.0162,
-21.5724

■ 27.2670, 11.7004,
-19.5282

■ 29.9360, 10.3846,
-17.4839

■ 32.6050, 9.0687,
-15.4396

■ 35.2740, 7.7529,
-13.3953

■ 38.2420, 6.2897,
-10.7362

■ 40.3240, 5.2633,
-8.1771

■ 42.9930, 3.9475,
-6.1329

■ 45.6620, 2.6316,
-4.0886

■ 48.3310, 1.3158,
-2.0443

Harmonies

Analogous

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



25.2020, 10.2534, -22.1022



24.5980, 13.0162, -21.5724



29.3120, 10.1992, -4.6586

Triad

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



24.5980, 13.0162, -21.5724



29.8990, -3.4012, 17.6286



26.5230, -6.6668, -8.3517

Complementary

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



24.5980, 13.0162, -21.5724



26.4020, -13.0162, 21.5724

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.



27.5090, -12.0829, 2.1846



24.5980, 13.0162, -21.5724



29.3950, -9.0687, 15.4396

Square

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



24.5980, 13.0162, -21.5724



30.5550, 1.6984, 15.2993



28.3360, -12.9836, 11.1063



23.3950, 0.7913, -20.5174

Rectangle

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



24.5980, 13.0162, -21.5724



30.4980, 8.1355, 3.9483



28.3360, -12.9836, 11.1063



26.9750, -8.8617, -4.3631

Sweetspot

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



24.5980, 13.0162, -21.5724



55.9110, 4.9739, -8.6919



32.1030, -6.4598, -28.1543



27.0640, 2.9264, -5.3181



161.0000, 0.0000, 0.0000



33.0000, 0.0000, 0.0000

Same Dimension

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



24.5980, 13.0162, -21.5724



32.1780, 16.6742, -28.2201



9.9230, 20.2510, -8.7025



24.5160, 0.7316, -1.3295



43.0180, 22.6691, -37.7268



104.5700, 55.4280, -91.7079

Inverse Universe

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



18.8970, 6.4598, 28.1543



24.5220, 8.6167, 36.3762



41.0770, -20.2510, 8.7025



24.1250, 0.4314, 1.6444



32.9950, 11.3415, 49.1164



80.3870, 27.4172, 119.8096

Previews

White Background



This preview shows how the YUV color 24.5980, 13.0162, -21.5724 looks on a white background.

Color Contrast Check

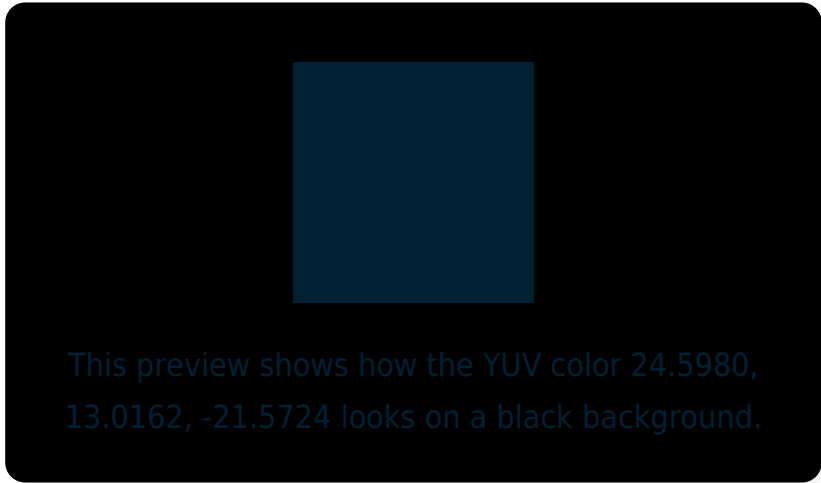
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

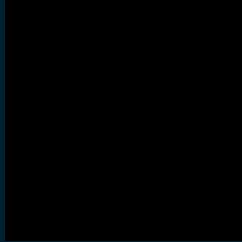
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 24.5980, 13.0162, -21.5724

Background



This preview shows how black text looks on a background with the YUV color 24.5980, 13.0162, -21.5724.



This preview shows how white text looks on a background with the YUV color 24.5980, 13.0162,

-21.5724.

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

24.5980, 13.0162, -21.5724

Protanopia

30.0730, 9.3310, -6.2030

Deuteranopia

29.0940, 10.7997, -10.6064



Tritanopia

24.0620, 5.8854, -21.1024

Trichromacy



Original Color

24.5980, 13.0162, -21.5724

Protanomaly

28.3820, 10.6577, -11.7360

Deuteranomaly

27.3000, 11.6841, -14.2951

Tritanomaly

24.0450, 8.3588, -21.0875

Monochromacy



Original Color

24.5980, 13.0162, -21.5724

Achromatopsia

25.0000, 0.0000, 0.0000

Achromatomaly

25.0960, 4.3897, -7.9772

CSS Examples

Text

The CSS property to change the color of the text to YUV 24.5980, 13.0162, -21.5724 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, 32, 51)` looks like.

```
.text, #text, p{  
    color:rgb(0, 32, 51)  
}
```

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, 32, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 32, 51) }
```

Border

The CSS property to change the border of an element to YUV 24.5980, 13.0162, -21.5724 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, 32, 51) }
```


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

```
.border{ border-color:rgb(0, 32, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 32, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 32, 51); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 32, 51); box-shadow:4px  
4px 4px 4px rgb(0, 32, 51) }
```

Background

The CSS property to change the background color of an element to YUV 24.5980, 13.0162, -21.5724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 32, 51) }
```

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

```
.background{ background-color: rgb(0, 32,  
51) }
```

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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