

Converting Colors

YUV(23.4580, 8.6482, -20.5727)

Have a look what the booklet for
YUV(23.4580, 8.6482, -20.5727)
contains.

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Color

**YUV(23.4580, 8.6482,
-20.5727)**

Conversions

Conversions Part 1

Format	Color
Hex	002029
RGB	0, 32, 41
RGB Percent	0%, 13%, 16%
CMY	1.0000, 0.8745, 0.8392
CMYK	1.00, 0.22, 0.00, 0.84
HSL	193°, 100%, 8%
HSV	193°, 100%, 16%
XYZ	0.9168, 1.1931, 2.2798
YIQ	23.4580, -21.9610, -3.9850

Conversions

Conversions Part 2

Format	Color
RYB	0, 18, 41
Decimal	8233
CIELab	10.51, -7.82, -9.42
CIElCh	11, 12.245, 230.313
Yxy	1.1931, 0.2088, 0.2718
Android (android.graphics.Color)	4278198313 (0xFF002029)
YUV	23.4580, 8.6482, -20.5727
Hunter-Lab	10.9230, -4.1340, -4.7286

Details

The YUV color **23.4580, 8.6482, -20.5727** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **17.5420, -8.6482, 20.5727**, and the grayscale version is **23.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **68.4690, 8.6428, -18.8283**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **23.4580, 8.6482, -20.5727**, and if you desaturate by 10%, it is **25.2410, 7.7692, -18.6284**.

Distribution



- Red (0%)
- Green (13%)
- Blue (16%)



- Red (0%)
- Yellow (7%)
- Blue (16%)



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (84%)



- Cyan (100%)
- Magenta (87%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 23.4580, 8.6482, -20.5727 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 23.4580, 8.6482, -20.5727 by changing the saturation by 10% instead.

■ 23.4580, 8.6482,
-20.5727

■ 23.4580, 8.6482,
-20.5727

■ 247.5250, 3.6852,
-15.3694

■ 4.7420, 8.0152,
-4.1587

■ 68.4690, 8.6428,
-18.8283

■ 0.0000, 0.0000,
0.0000

■ 92.5830, 9.0796,
-18.9283

■ 117.2840, 9.2270,
-19.5431

■ 143.2840, 9.2270,
-19.5431

■ 169.3980, 9.6638,
-19.6430

■ 197.0990, 9.8112,

-20.2578

■ 224.8000, 9.9586,
-20.8726

■ 23.4580, 8.6482,
-20.5727

■ 25.2410, 7.7692,
-18.6284

■ 27.0240, 6.8902,
-16.6840

■ 28.8070, 6.0111,
-14.7397

■ 30.5900, 5.1321,
-12.7954

■ 31.7860, 4.5425,
-10.3363

■ 33.8680, 3.5161,
-7.7772

■ 35.6510, 2.6371,
-5.8329

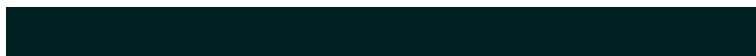
■ 37.4340, 1.7580,
-3.8886

■ 39.2170, 0.8790,
-1.9443

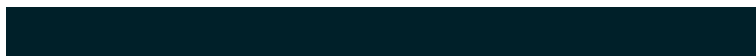
Harmonies

Analogous

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



23.2470, 5.3012, -20.3876



23.4580, 8.6482, -20.5727



26.0290, 9.3527, -13.1804

Triad

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



23.4580, 8.6482, -20.5727



29.4190, 1.2724, 11.9105



27.4210, -8.5886, 1.3848

Complementary

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



23.4580, 8.6482, -20.5727



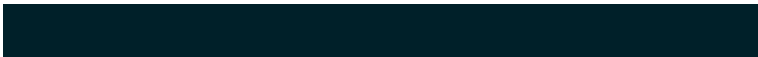
17.5420, -8.6482, 20.5727

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.



27.9380, -9.3364, 7.9474



23.4580, 8.6482, -20.5727



28.9910, -2.9536, 14.0399

Square

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



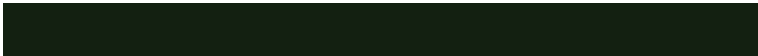
23.4580, 8.6482, -20.5727



29.2980, 4.7831, 5.8777



28.3560, -6.5845, 11.9658



26.4030, -4.6357, -6.4924

Rectangle

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



23.4580, 8.6482, -20.5727



27.8450, 8.4574, -6.0031



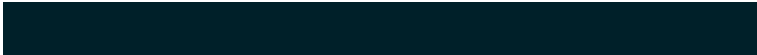
28.3560, -6.5845, 11.9658



27.6170, -9.1782, 3.8439

Sweetspot

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



23.4580, 8.6482, -20.5727



46.5690, 3.6635, -8.3920



25.0930, -7.9338, -22.0066



23.8360, 2.0529, -5.1182



156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

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



23.4580, 8.6482, -20.5727



30.8100, 11.4327, -27.0204



11.7180, 14.4360, -10.2767



19.4020, 0.2948, -1.2296



48.3180, 17.5912, -42.3749



121.0230, 44.8517, -106.1372

Inverse Universe

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



15.9070, 7.9338, 22.0066



20.9340, 10.3855, 28.9989



29.2820, -14.4360, 10.2767



18.8260, 0.5788, 1.0296



32.6400, 16.4465, 45.0427



82.1980, 40.8214, 113.8364

Previews

White Background



This preview shows how the YUV color 23.4580, 8.6482, -20.5727 looks on a white background.

Color Contrast Check

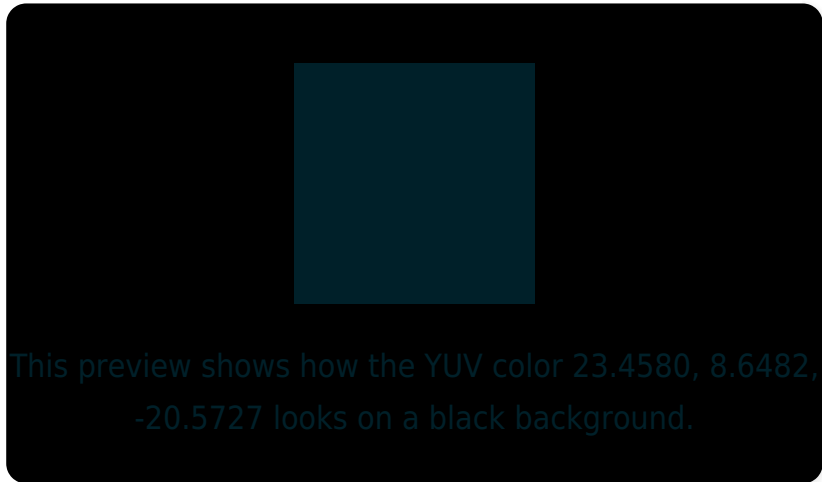
Large Text (above 18pt) WCAG AA ✓ Pass

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

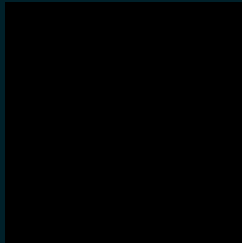
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

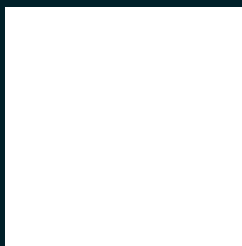
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 23.4580, 8.6482, -20.5727

Background



This preview shows how black text looks on a background with the YUV color 23.4580, 8.6482, -20.5727.



This preview shows how white text looks on a background with the YUV color 23.4580, 8.6482, -20.5727.

-20.5727.

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

29.5420, 4.6628, -2.2293

Deuteranopia

29.2860, 6.2680, -3.7588

Trichromacy



Protanomaly

27.2530, 6.2843, -8.9919

Deuteranomaly

27.1820, 7.3053, -9.8066

Monochromacy



Achromatopsia

23.0000, 0.0000, 0.0000

Achromatomaly

23.1670, 3.3687, -7.1625

CSS Examples

Text

The CSS property to change the color of the text to YUV 23.4580, 8.6482, -20.5727 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, 41)` looks like.

```
.text, #text, p{  
    color:rgb(0, 32, 41)  
}
```

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, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 32, 41) }
```

Border

The CSS property to change the border of an element to YUV 23.4580, 8.6482, -20.5727 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, 41) }
```

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

```
.border{ border-color:rgb(0, 32, 41) }
```

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, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 32, 41); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 32, 41); box-shadow:4px  
4px 4px 4px rgb(0, 32, 41) }
```


Background

The CSS property to change the background color of an element to YUV 23.4580, 8.6482, -20.5727 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, 41) }
```

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

```
.background{ background-color: rgb(0, 32,  
41) }
```

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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