

Converting Colors

YUV(46.9960, 22.6800,
-41.2155)

Have a look what the booklet for
YUV(46.9960, 22.6800, -41.2155)
contains.

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Color

**YUV(46.9960, 22.6800,
-41.2155)**

Conversions

Conversions Part 1

Format	Color
Hex	003E5D
RGB	0, 62, 93
RGB Percent	0%, 24%, 36%
CMY	1.0000, 0.7569, 0.6353
CMYK	1.00, 0.33, 0.00, 0.64
HSL	200°, 100%, 18%
HSV	200°, 100%, 36%
XYZ	3.6984, 4.2356, 10.9785
YIQ	46.9960, -46.9030, -3.5030

Conversions

Conversions Part 2

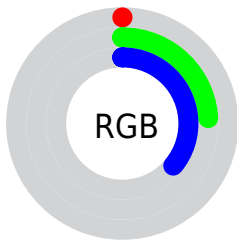
Format	Color
RYB	0, 37, 93
Decimal	15965
CIELab	24.44, -4.86, -23.37
CIELCh	24, 23.871, 258.257
Yxy	4.2356, 0.1956, 0.2240
Android (android.graphics.Color)	4278206045 (0xFF003E5D)
YUV	46.9960, 22.6800, -41.2155
Hunter-Lab	20.5805, -3.9386, -17.2216

Details

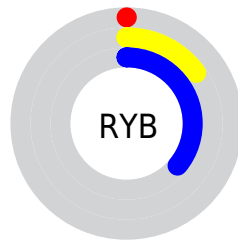
The YUV color **46.9960, 22.6800, -41.2155** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **46.0040, -22.6800, 41.2155**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.8340, 21.7738, -30.5494**, and **17.0980, 14.7417, -14.9949** is the 20% darker color. If you saturate the color by 10%, you get **46.9960, 22.6800, -41.2155**, and if you desaturate by 10%, it is **51.4480, 20.4851, -37.2269**.

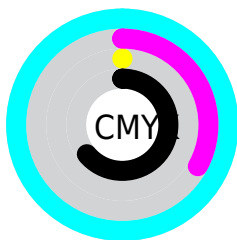
Distribution



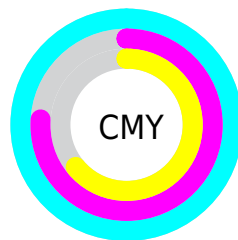
- Red (0%)
- Green (24%)
- Blue (36%)



- Red (0%)
- Yellow (15%)
- Blue (36%)



- Cyan (100%)
- Magenta (33%)
- Yellow (0%)
- Black (64%)



- Cyan (100%)
- Magenta (76%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.9960, 22.6800, -41.2155 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 46.9960, 22.6800, -41.2155 by changing the saturation by 10% instead.

■ 46.9960, 22.6800,
-41.2155

■ 46.9960, 22.6800,
-41.2155

■ 255.0000, 0.0000,
0.0000

■ 31.3460, 18.5634,
-27.4904

■ 99.8340, 21.7738,
-30.5494

■ 17.0980, 14.7417,
-14.9949

■ 126.1330, 21.6264,
-29.9346

■ 3.5510, 11.0674,
-3.1142

■ 152.5460, 21.9158,
-29.4198

■ 0.0000, 0.0000,
0.0000

■ 179.6600, 22.3526,
-29.5198

■ 206.8880, 23.2262,
-29.7198

■ 232.6960, 10.9959,

-26.9204

■ 247.5250, 3.6852,
-15.3694

■ 46.9960, 22.6800,
-41.2155

■ 51.4480, 20.4851,
-37.2269

■ 56.1990, 18.1429,
-32.6235

■ 60.6510, 15.9481,
-28.6349

■ 65.1030, 13.7532,
-24.6463

■ 70.4410, 11.1216,
-20.5578

■ 74.8930, 8.9268,
-16.5692

■ 79.3450, 6.7319,
-12.5806

■ 83.7970, 4.5371,
-8.5920

■ 88.5480, 2.1948,
-3.9886

Harmonies

Analogous

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



48.3180, 17.5912, -42.3749



46.9960, 22.6800, -41.2155



57.7120, 16.9040, -8.5174

Triad

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



46.9960, 22.6800, -41.2155



58.2210, -5.0390, 29.6242



52.9800, -9.8501, -14.0145

Complementary

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



46.9960, 22.6800, -41.2155



46.0040, -22.6800, 41.2155

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.



55.1840, -15.8667, 2.4696



46.9960, 22.6800, -41.2155



57.8370, -12.7376, 25.5760

Square

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



46.9960, 22.6800, -41.2155



59.6640, 3.1236, 24.8507



57.2180, -17.3625, 15.5948



46.2250, 1.8611, -37.0313

Rectangle

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



46.9960, 22.6800, -41.2155



59.4750, 13.0768, 5.7224



57.2180, -17.3625, 15.5948



53.7420, -12.1978, -7.6667

Sweetspot

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



46.9960, 22.6800, -41.2155



102.1920, 8.7793, -15.9544



58.1250, -13.3726, -50.9756



50.3130, 5.2687, -9.9215



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



46.9960, 22.6800, -41.2155



60.6400, 29.2645, -53.1813



20.5810, 35.7026, -18.0495



43.3310, 1.3158, -2.0443



55.3910, 26.9222, -48.5779



119.7640, 57.7973, -105.0330

Inverse Universe

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



34.8750, 13.3726, 50.9756



45.0000, 17.2550, 65.7750



73.5930, -36.2813, 17.0199



42.8370, 0.5734, 2.7740



41.2120, 15.6715, 60.3271



88.8750, 34.0786, 129.9056

Previews

White Background



This preview shows how the YUV color 46.9960, 22.6800, -41.2155 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 46.9960, 22.6800, -41.2155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

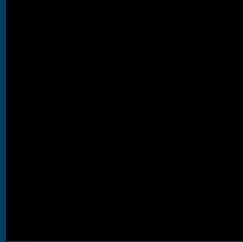
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 46.9960, 22.6800, -41.2155

Background



This preview shows how black text looks on a background with the YUV color 46.9960, 22.6800, -41.2155.



This preview shows how white text looks on a background with the YUV color 46.9960, 22.6800,

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

58.2450, 15.1622, -9.8619

Deuteranopia

56.7110, 18.3835, -16.4095

Tritanopia

46.1350, 11.7654, -40.4604

Trichromacy



Protanomaly

53.8630, 17.8155, -20.9279

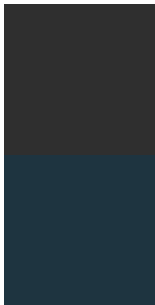
Deuteranomaly

53.1120, 20.1578, -25.5312

Tritanomaly

46.4600, 15.5492, -40.7454

Monochromacy



Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

46.7900, 8.4845, -14.7248

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.9960, 22.6800, -41.2155 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, 62, 93)` looks like.

```
.text, #text, p{  
    color:rgb(0, 62, 93)  
}
```

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, 62, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 62, 93) }
```

Border

The CSS property to change the border of an element to YUV 46.9960, 22.6800, -41.2155 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, 62, 93) }
```

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

```
.border{ border-color:rgb(0, 62, 93) }
```

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

Here you see how a box with a 4 pixel rgb(0, 62, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 62, 93); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 62, 93); box-shadow:4px  
4px 4px 4px rgb(0, 62, 93) }
```


Background

The CSS property to change the background color of an element to YUV 46.9960, 22.6800, -41.2155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 62, 93) }
```

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

```
.background{ background-color: rgb(0, 62,  
93) }
```

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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