

Converting Colors

YUV(47.7620, 27.7253,
-26.1013)

Have a look what the booklet for
YUV(47.7620, 27.7253, -26.1013)
contains.

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Color

**YUV(47.7620, 27.7253,
-26.1013)**

Conversions

Conversions Part 1

Format	Color
Hex	123468
RGB	18, 52, 104
RGB Percent	7%, 20%, 41%
CMY	0.9294, 0.7961, 0.5922
CMYK	0.83, 0.50, 0.00, 0.59
HSL	216°, 70%, 24%
HSV	216°, 83%, 41%
XYZ	3.9761, 3.5841, 13.5789
YIQ	47.7620, -36.9560, 8.9640

Conversions

Conversions Part 2

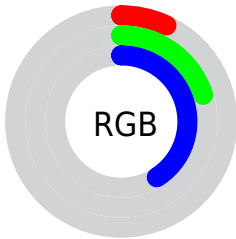
Format	Color
R_{YB}	18, 42, 104
Decimal	1193064
CIE _{Lab}	22.25, 8.72, -33.98
CIE _{LCh}	22, 35.083, 284.390
Yxy	3.5841, 0.1881, 0.1695
Android (android.graphics.Color)	4279383144 (0xFF123468)
YUV	47.7620, 27.7253, -26.1013
Hunter-Lab	18.9316, 4.3594, -29.2744

Details

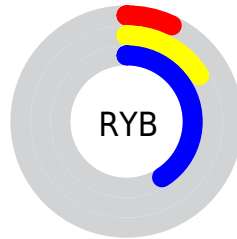
The YUV color **47.7620, 27.7253, -26.1013** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **74.2380, -27.7253, 26.1013**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **98.0340, 28.5772, -19.3238**, and **9.9060, 22.7243, -8.6876** is the 20% darker color. If you saturate the color by 10%, you get **41.2500, 30.9357, -29.1603**, and if you desaturate by 10%, it is **54.2740, 24.5149, -23.0423**.

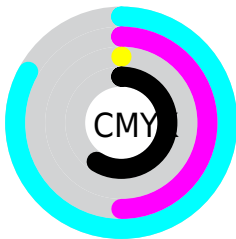
Distribution



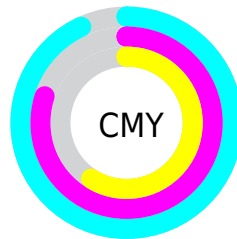
- Red (7%)
- Green (20%)
- Blue (41%)



- Red (7%)
- Yellow (16%)
- Blue (41%)



- Cyan (83%)
- Magenta (50%)
- Yellow (0%)
- Black (59%)



- Cyan (93%)
- Magenta (80%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.7620, 27.7253, -26.1013 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 47.7620, 27.7253, -26.1013 by changing the saturation by 10% instead.

■ 47.7620, 27.7253,
-26.1013

■ 47.7620, 27.7253,
-26.1013

■ 255.0000, 0.0000,
0.0000

■ 27.3170, 25.9727,
-23.9570

■ 98.0340, 28.5772,
-19.3238

■ 9.9060, 22.7243,
-8.6876

■ 123.8600, 29.1560,
-18.2942

■ 5.0500, 14.2723,
-4.4289

■ 149.8000, 30.1716,
-17.3646

■ 0.9120, 3.4944,
-0.7998

■ 176.9140, 30.6084,
-17.4646

■ 0.0000, 0.0000,
0.0000

■ 202.9590, 25.6562,
-15.7500

■ 227.7670, 13.4259,

-12.9507

251.1130, 1.9163,
-7.9921

47.7620, 27.7253,
-26.1013

47.7620, 27.7253,
-26.1013

41.2500, 30.9357,
-29.1603

54.2740, 24.5149,
-23.0423

35.9230, 33.5620,
-31.5045

61.6720, 20.8677,
-19.8833

68.1840, 17.6573,
-16.8244

74.9950, 14.2995,
-13.1506

81.5070, 11.0890,
-10.0916

■ 88.6060, 7.5892,
-7.5475

■ 95.4170, 4.2314,
-3.8737

■ 101.9290, 1.0210,
-0.8147

■ 109.3270, -2.6262,
2.3442

Harmonies

Analogous

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



46.9620, 27.6267, -41.1857



47.7620, 27.7253, -26.1013



54.7840, 17.8545, 13.3444

Triad

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



47.7620, 27.7253, -26.1013



50.2900, -16.4120, 37.4567



41.9000, -1.9227, -36.7463

Complementary

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



47.7620, 27.7253, -26.1013



74.2380, -27.7253, 26.1013

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.



44.0520, -15.8016, -18.4626



47.7620, 27.7253, -26.1013



50.6120, -24.9517, 23.1423

Square

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



47.7620, 27.7253, -26.1013



49.6510, -3.7719, 43.2791



49.0180, -24.1659, 4.3692



45.5650, 9.5815, -39.9605

Rectangle

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



47.7620, 27.7253, -26.1013



53.4610, 11.1117, 29.4137



49.0180, -24.1659, 4.3692



40.8740, -5.8539, -35.8465

Sweetspot

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



47.7620, 27.7253, -26.1013



113.0940, 10.7997, -10.6064



74.4100, -2.1741, -49.4716



55.0900, 6.8576, -6.2179



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



47.7620, 27.7253, -26.1013



47.3870, 43.1932, -40.6814



30.4950, 36.2380, -3.0651



47.7440, 1.6052, -1.5295



39.5250, 37.2092, -34.6634



83.9400, 77.9236, -73.6154

Inverse Universe

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



47.5900, 2.1741, 49.4716



47.1080, 3.3978, 77.0813



91.5050, -36.2380, 3.0651



47.7230, 0.1366, 2.8739



39.5150, 2.7041, 66.2003



83.3020, 6.2601, 139.1781

Previews

White Background



This preview shows how the YUV color 47.7620, 27.7253, -26.1013 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 47.7620, 27.7253, -26.1013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

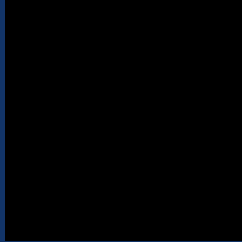
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.7620, 27.7253, -26.1013

Background



This preview shows how black text looks on a background with the YUV color 47.7620, 27.7253, -26.1013.



This preview shows how white text looks on a background with the YUV color 47.7620, 27.7253, -26.1013.

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

47.7620, 27.7253, -26.1013

Protanopia

48.9580, 27.1357, -23.6422

Deuteranopia

43.1150, 25.5793, -37.8119



Tritanopia

41.8150, 10.4442, -36.6718

Trichromacy



Original Color

47.7620, 27.7253, -26.1013

Protanomaly

48.6590, 27.2831, -24.2569

Deuteranomaly

44.9630, 26.1472, -33.2936

Tritanomaly

43.8570, 16.8325, -32.3236

Monochromacy



Original Color

47.7620, 27.7253, -26.1013

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

47.5780, 10.0680, -9.2769

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.7620, 27.7253, -26.1013 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(18, 52, 104)` looks like.

```
.text, #text, p{  
    color:rgb(18, 52, 104)  
}
```

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(18, 52, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 52, 104) }
```

Border

The CSS property to change the border of an element to YUV 47.7620, 27.7253, -26.1013 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(18, 52, 104) }
```


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

```
.border{ border-color:rgb(18, 52, 104) }
```

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

Here you see how a box with a 4 pixel rgb(18, 52, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 52, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 52, 104);  
box-shadow:4px 4px 4px 4px rgb(18, 52,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 47.7620, 27.7253, -26.1013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 52, 104) }
```

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

```
.background{ background-color: rgb(18, 52,  
104) }
```

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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