

Converting Colors

YUV(45.9790, 11.8424,
-18.3986)

Have a look what the booklet for
YUV(45.9790, 11.8424, -18.3986)
contains.

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Color

**YUV(45.9790, 11.8424,
-18.3986)**

Conversions

Conversions Part 1

Format	Color
Hex	193446
RGB	25, 52, 70
RGB Percent	10%, 20%, 27%
CMY	0.9020, 0.7961, 0.7255
CMYK	0.64, 0.26, 0.00, 0.73
HSL	204°, 47%, 19%
HSV	204°, 64%, 27%
XYZ	2.7344, 3.1049, 6.2495
YIQ	45.9790, -21.8700, -0.1260

Conversions

Conversions Part 2

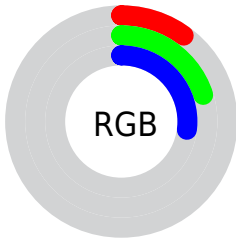
Format	Color
R _Y B	25, 42, 70
Decimal	1651782
CIE Lab	20.46, -3.94, -14.29
CIE LCh	20, 14.822, 254.567
Yxy	3.1049, 0.2262, 0.2568
Android (android.graphics.Color)	4279841862 (0xFF193446)
YUV	45.9790, 11.8424, -18.3986
Hunter-Lab	17.6206, -3.1362, -8.6941




Details

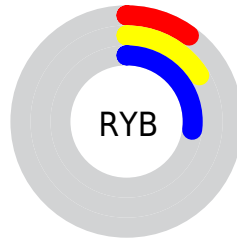
The YUV color **45.9790, 11.8424, -18.3986** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **49.0210, -11.8424, 18.3986**, and the grayscale version is **46.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **92.8050, 12.4211, -17.3690**, and **6.0130, 10.3466, -5.2734** is the 20% darker color. If you saturate the color by 10%, you get **42.1250, 13.7424, -21.1576**, and if you desaturate by 10%, it is **49.8330, 9.9423, -15.6395**.

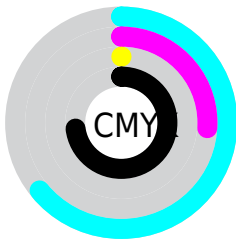
Distribution







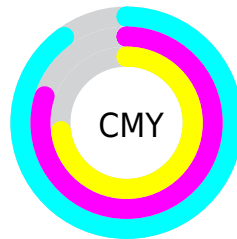
-  Red (10%)
-  Green (20%)
-  Blue (27%)






-  Red (10%)
-  Yellow (16%)
-  Blue (27%)



-  Cyan (64%)
-  Magenta (26%)
-  Yellow (0%)
-  Black (73%)



-  Cyan (90%)
-  Magenta (80%)
-  Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 45.9790, 11.8424, -18.3986 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 45.9790, 11.8424, -18.3986 by changing the saturation by 10% instead.

■ 45.9790, 11.8424,
-18.3986

■ 45.9790, 11.8424,
-18.3986

■ 255.0000, 0.0000,
0.0000

■ 23.6690, 11.9952,
-20.7577

■ 92.8050, 12.4211,
-17.3690

■ 6.0130, 10.3466,
-5.2734

■ 117.9190, 12.8579,
-17.4690

■ 0.0000, 0.0000,
0.0000

■ 143.7340, 13.4421,
-18.1837

■ 170.7340, 13.4421,
-18.1837

■ 197.8480, 13.8789,
-18.2837

■ 225.6630, 14.4631,

-18.9985

248.4220, 3.2430,
-13.5251

45.9790, 11.8424,
-18.3986

45.9790, 11.8424,
-18.3986

42.1250, 13.7424,
-21.1576

49.8330, 9.9423,
-15.6395

38.2710, 15.6424,
-23.9167

53.6870, 8.0423,
-12.8805

35.0040, 17.2530,
-27.1905

56.9540, 6.4317,
-9.6067

32.6340, 18.4214,
-28.6200

60.8080, 4.5317,
-6.8476

64.6620, 2.6316,
-4.0886

■ 68.5160, 0.7316,
-1.3295

■ 72.3700, -1.1684,
1.4295

■ 75.6370, -2.7790,
4.7034

■ 79.4910, -4.6791,
7.4624

Harmonies

Analogous

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



42.2830, 10.7065, -27.4352



45.9790, 11.8424, -18.3986



49.3010, 10.2046, -6.4030

Triad

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



45.9790, 11.8424, -18.3986



50.3120, -3.1118, 18.1434



46.5340, -6.6723, -6.6073

Complementary

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



45.9790, 11.8424, -18.3986



49.0210, -11.8424, 18.3986

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.



47.7910, -9.7570, 2.8143



45.9790, 11.8424, -18.3986



49.8620, -7.3270, 16.7840

Square

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



45.9790, 11.8424, -18.3986



50.9570, 1.9932, 14.0697



49.3190, -10.5103, 11.1212



44.9610, -0.9668, -16.6288

Rectangle

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



45.9790, 11.8424, -18.3986



50.4870, 8.1409, 2.2039



49.3190, -10.5103, 11.1212



46.9150, -7.8461, -3.4335

Sweetspot

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



45.9790, 11.8424, -18.3986



82.5090, 4.6791, -7.4624



53.4670, -5.1602, -24.9656



40.3630, 2.7790, -4.7034



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



45.9790, 11.8424, -18.3986



54.3350, 18.5688, -29.2348



32.4780, 18.4983, -6.5582



33.6300, 1.1684, -1.4295



46.5060, 25.8795, -40.7858



105.7100, 59.7960, -92.7077

Inverse Universe

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



41.5330, 5.1602, 24.9656



47.1310, 8.3164, 39.3501



62.5220, -18.4983, 6.5582



33.4240, 0.2840, 2.2592



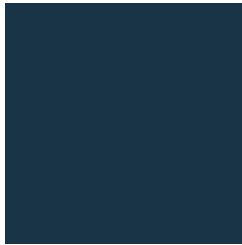
36.4410, 11.6146, 54.8642



83.3770, 25.9431, 125.9574

Previews

White Background



This preview shows how the YUV color 45.9790, 11.8424, -18.3986 looks on a white background.

Color Contrast Check

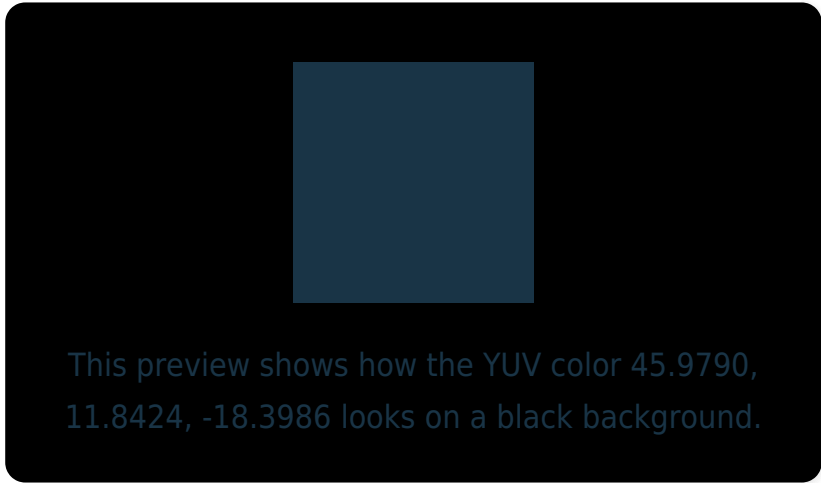
Large Text (above 18pt) WCAG AA ✓ Pass

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

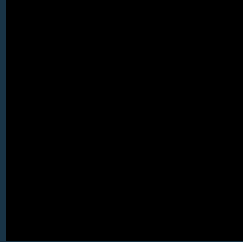
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 45.9790, 11.8424, -18.3986

Background



This preview shows how black text looks on a background with the YUV color 45.9790, 11.8424, -18.3986.



This preview shows how white text looks on a background with the YUV color 45.9790, 11.8424,

-18.3986.

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

45.9790, 11.8424, -18.3986

Protanopia

49.5570, 8.5994, -4.8735

Deuteranopia

49.1160, 10.7888, -7.1177



Tritanopia

44.1050, 7.3432, -22.0171

Trichromacy



Original Color

45.9790, 11.8424, -18.3986

Protanomaly

48.1650, 9.7787, -9.7917

Deuteranomaly

47.9090, 11.3839, -11.3212

Tritanomaly

44.5720, 9.0850, -20.6726

Monochromacy



Original Color

45.9790, 11.8424, -18.3986

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

45.8080, 4.5317, -6.8476

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.9790, 11.8424, -18.3986 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(25, 52, 70)` looks like.

```
.text, #text, p{  
    color:rgb(25, 52, 70)  
}
```

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(25, 52, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 52, 70) }
```

Border

The CSS property to change the border of an element to YUV 45.9790, 11.8424, -18.3986 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(25, 52, 70) }
```


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

```
.border{ border-color:rgb(25, 52, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 52, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 52, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 52, 70);  
box-shadow:4px 4px 4px 4px rgb(25, 52, 70)  
}
```

Background

The CSS property to change the background color of an element to YUV 45.9790, 11.8424, -18.3986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 52, 70) }
```

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

```
.background{ background-color: rgb(25, 52,  
70) }
```

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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