

Converting Colors

YUV(53.6620, -4.2704, -30.3986)

Have a look what the booklet for
YUV(53.6620, -4.2704, -30.3986)
contains.

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Color

**YUV(53.6620, -4.2704,
-30.3986)**

Conversions

Conversions Part 1

Format	Color
Hex	13492D
RGB	19, 73, 45
RGB Percent	7%, 29%, 18%
CMY	0.9255, 0.7137, 0.8235
CMYK	0.74, 0.00, 0.38, 0.71
HSL	149°, 59%, 18%
HSV	149°, 74%, 29%
XYZ	3.1248, 5.0930, 3.3010
YIQ	53.6620, -23.1960, -20.1560

Conversions

Conversions Part 2

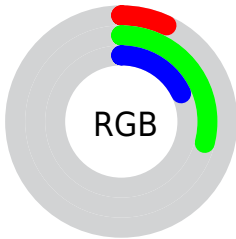
Format	Color
RYB	19, 55, 73
Decimal	1263917
CIELab	27.00, -25.16, 11.77
CIELCh	27, 27.779, 154.927
Yxy	5.0930, 0.2713, 0.4421
Android (android.graphics.Color)	4279453997 (0xFF13492D)
YUV	53.6620, -4.2704, -30.3986
Hunter-Lab	22.5677, -14.7780, 7.1250

Details

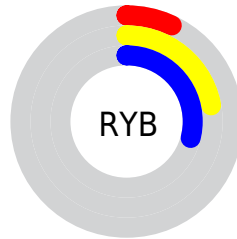
The YUV color **53.6620, -4.2704, -30.3986** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **38.3380, 4.2704, 30.3986**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.9180, -5.8756, -28.8691**, and **18.1970, -8.9711, -15.9588** is the 20% darker color. If you saturate the color by 10%, you get **51.1130, -4.9857, -34.3021**, and if you desaturate by 10%, it is **56.2110, -3.5550, -26.4950**.

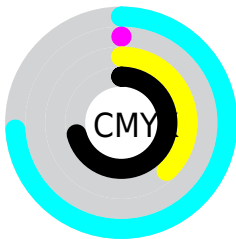
Distribution



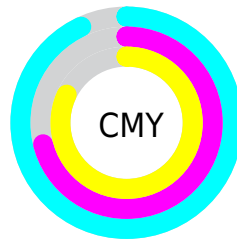
- Red (7%)
- Green (29%)
- Blue (18%)



- Red (7%)
- Yellow (22%)
- Blue (29%)



- Cyan (74%)
- Magenta (0%)
- Yellow (38%)
- Black (71%)



- Cyan (93%)
- Magenta (71%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.6620, -4.2704, -30.3986 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 53.6620, -4.2704, -30.3986 by changing the saturation by 10% instead.

■ 53.6620, -4.2704,
-30.3986

■ 53.6620, -4.2704,
-30.3986

255.0000, 0.0000,
0.0000

■ 32.0860, -3.9864,
-28.1394

■ 102.9180, -5.8756,
-28.8691

■ 18.1970, -8.9711,
-15.9588

■ 128.5050, -6.1650,
-29.3839

■ 0.0000, 0.0000,
0.0000

■ 154.9780, -6.8912,
-29.7987

■ 182.2660, -7.0331,
-30.9283

■ 209.8530, -7.3225,
-31.4431

■ 235.5050, -6.1650,

-29.3839

■ 247.3680, 1.7906,
-14.3547

■ 53.6620, -4.2704,
-30.3986

■ 53.6620, -4.2704,
-30.3986

■ 51.1130, -4.9857,
-34.3021

■ 56.2110, -3.5550,
-26.4950

■ 48.2650, -5.5536,
-38.8204

■ 59.0590, -2.9871,
-21.9767

■ 46.8410, -5.8376,
-41.0796

■ 61.4940, -2.7085,
-17.9732

■ 64.0430, -1.9932,
-14.0697

■ 66.5920, -1.2779,
-10.1662

■ 69.4400, -0.7099,
-5.6479

■ 71.8750, -0.4314,
-1.6444

■ 74.4240, 0.2840,
2.2592

■ 77.2720, 0.8519,
6.7775

Harmonies

Analogous

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



59.1180, -15.8342, -7.9965



53.6620, -4.2704, -30.3986



51.0760, 7.8505, -44.7937

Triad

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



53.6620, -4.2704, -30.3986



59.2090, 23.0680, -25.6163



63.6360, -11.1595, 32.7682

Complementary

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



53.6620, -4.2704, -30.3986



38.3380, 4.2704, 30.3986

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.



64.1660, -1.5608, 34.0574



53.6620, -4.2704, -30.3986



65.6750, 16.4292, 3.7930

Square

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



53.6620, -4.2704, -30.3986



53.3050, 24.0066, -46.7485



65.9180, 7.9284, 23.7509



62.6320, -18.5526, 24.0017

Rectangle

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



53.6620, -4.2704, -30.3986



52.6720, 13.9657, -46.1933



65.9180, 7.9284, 23.7509



63.7440, -8.2548, 34.4275

Sweetspot

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



53.6620, -4.2704, -30.3986



86.8800, -1.4198, -11.2958



59.3690, -19.9019, -9.9706



43.7280, -0.8519, -6.7775



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



53.6620, -4.2704, -30.3986



63.9820, -6.4001, -47.3422



56.6260, 7.0864, -32.9980



34.5760, -0.2840, -2.2592



63.5850, -7.6834, -55.7640



145.6750, -18.0808, -127.7570

Inverse Universe

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



38.3380, 4.2704, 30.3986



40.1320, 6.8369, 47.2422



35.3740, -7.0864, 32.9980



33.4240, 0.2840, 2.2592



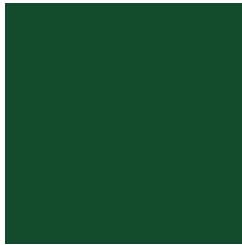
35.5290, 8.1202, 55.6641



81.3250, 18.0808, 127.7570

Previews

White Background



This preview shows how the YUV color 53.6620, -4.2704, -30.3986 looks on a white background.

Color Contrast Check

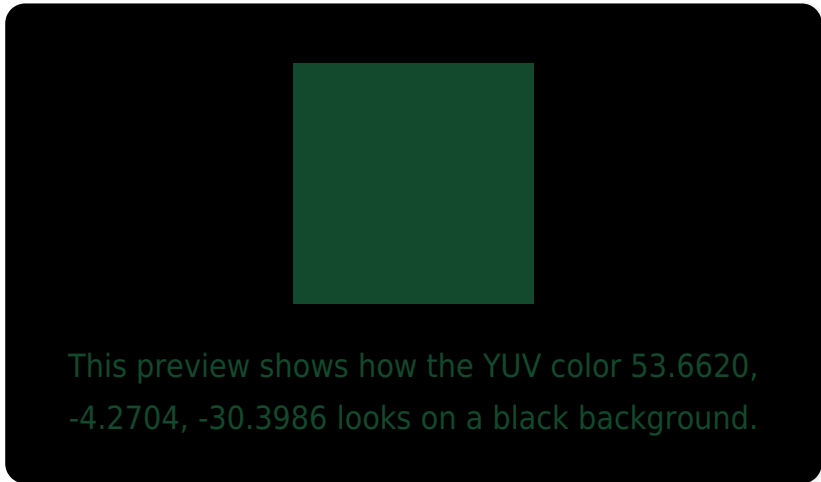
Large Text (above 18pt) WCAG AA ✓ Pass

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 53.6620, -4.2704, -30.3986

Background



This preview shows how black text looks on a background with the YUV color 53.6620, -4.2704, -30.3986.



This preview shows how white text looks on a background with the YUV color 53.6620, -4.2704,

-30.3986.

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

53.6620, -4.2704, -30.3986

Protanopia

62.8730, -10.7834, 5.3734

Deuteranopia

63.7040, -7.7421, 9.9066



Tritanopia

58.3220, 8.2223, -23.9614

Trichromacy



Original Color

53.6620, -4.2704, -30.3986

Protanomaly

59.3660, -8.5614, -7.3370

Deuteranomaly

59.9580, -6.3883, -4.3482

Tritanomaly

56.4590, 3.7177, -25.8355

Monochromacy



Original Color

53.6620, -4.2704, -30.3986

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

53.8800, -1.4198, -11.2958

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.6620, -4.2704, -30.3986 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(19, 73, 45)` looks like.

```
.text, #text, p{  
    color:rgb(19, 73, 45)  
}
```

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(19, 73, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 73, 45) }
```

Border

The CSS property to change the border of an element to YUV 53.6620, -4.2704, -30.3986 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(19, 73, 45) }
```


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

```
.border{ border-color:rgb(19, 73, 45) }
```

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

Here you see how a box with a 4 pixel rgb(19, 73, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 73, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 73, 45);  
box-shadow:4px 4px 4px 4px rgb(19, 73, 45)  
}
```

Background

The CSS property to change the background color of an element to YUV 53.6620, -4.2704, -30.3986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 73, 45) }
```

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

```
.background{ background-color: rgb(19, 73,  
45) }
```

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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