

Converting Colors

YUV(100.6090, -7.2022,
-23.3361)

Have a look what the booklet for
YUV(100.6090, -7.2022, -23.3361)
contains.

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Color

**YUV(100.6090, -7.2022,
-23.3361)**

Conversions

Conversions Part 1

Format	Color
Hex	4A7556
RGB	74, 117, 86
RGB Percent	29%, 46%, 34%
CMY	0.7098, 0.5412, 0.6627
CMYK	0.37, 0.00, 0.26, 0.54
HSL	137°, 23%, 37%
HSV	137°, 37%, 46%
XYZ	10.8650, 14.8503, 11.0978
YIQ	100.6090, -15.6770, -18.7570

Conversions

Conversions Part 2

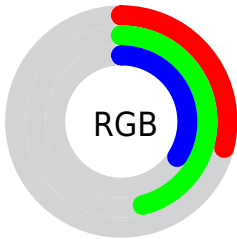
Format	Color
R_{YB}	74, 108, 117
Decimal	4879702
CIE _{Lab}	45.43, -22.12, 12.49
CIE _{LCh}	45, 25.398, 150.549
Yxy	14.8503, 0.2951, 0.4034
Android (android.graphics.Color)	4283069782 (0xFF4A7556)
YUV	100.6090, -7.2022, -23.3361
Hunter-Lab	38.5361, -17.1111, 9.9006

Details

The YUV color **100.6090, -7.2022, -23.3361** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **90.3910, 7.2022, 23.3361**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.7830, -7.7810, -24.3657**, and **52.3640, -5.6025, -23.1212** is the 20% darker color. If you saturate the color by 10%, you get **96.1090, -8.9277, -29.9136**, and if you desaturate by 10%, it is **105.1090, -5.4767, -16.7586**.

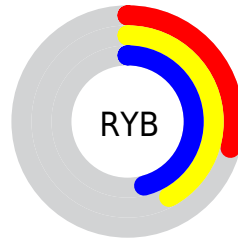
Distribution



Red (29%)

Green (46%)

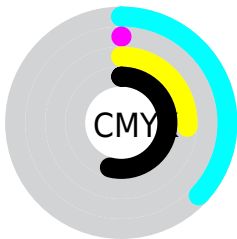
Blue (34%)



Red (29%)

Yellow (42%)

Blue (46%)

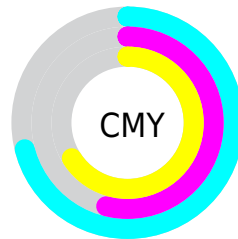


Cyan (37%)

Magenta (0%)

Yellow (26%)

Black (54%)



Cyan (71%)

Magenta (54%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.6090, -7.2022, -23.3361 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 100.6090, -7.2022, -23.3361 by changing the saturation by 10% instead.

■ 100.6090, -7.2022,
-23.3361

■ 100.6090, -7.2022,
-23.3361

■ 255.0000, 0.0000,
0.0000

■ 76.1360, -6.4760,
-22.9213

■ 151.7830, -7.7810,
-24.3657

■ 52.3640, -5.6025,
-23.1212

■ 179.2560, -8.5072,
-24.7805

■ 29.5810, -4.7234,
-25.0655

■ 206.8430, -8.7966,
-25.2953

■ 15.8490, -7.8136,
-13.8996

■ 235.4300, -9.0860,
-25.8101

■ 0.0000, 0.0000,
0.0000

■ 247.5810, -1.2724,
-11.9105

■ 100.6090, -7.2022,
-23.3361

■ 100.6090, -7.2022,
-23.3361

■ 96.1090, -8.9277,
-29.9136

■ 105.1090, -5.4767,
-16.7586

■ 91.7940, -11.2374,
-35.7763

■ 109.4240, -3.1670,
-10.8958

■ 87.2940, -12.9629,
-42.3538

■ 113.9240, -1.4415,
-4.3183

■ 82.6800, -15.1252,
-48.8314

■ 118.5380, 0.7208,
2.1592

■ 78.1800, -16.8507,
-55.4089

■ 122.7390, 2.5937,
8.1219

■ 73.8650, -19.1604,
-61.2716

■ 127.3530, 4.7560,
14.5994

■ 72.4410, -19.4444,
-63.5308

■ 131.8530, 6.4815,
21.1769

■ 136.3530, 8.2070,

27.7544

■ 140.6680, 10.5167,
33.6172

Harmonies

Analogous

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



103.9120, -16.7186, -4.3078



100.6090, -7.2022, -23.3361



96.1040, 5.3717, -43.0642

Triad

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



100.6090, -7.2022, -23.3361



104.4050, 22.4783, -23.1572



108.7610, -10.7282, 34.4126

Complementary

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



100.6090, -7.2022, -23.3361



90.3910, 7.2022, 23.3361

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.



109.6820, -0.8292, 32.7279



100.6090, -7.2022, -23.3361



109.4790, 17.0189, 1.3339

Square

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



100.6090, -7.2022, -23.3361



97.0770, 23.1330, -46.5485



110.8360, 8.9549, 21.1918



107.7680, -18.1266, 27.3905

Rectangle

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



100.6090, -7.2022, -23.3361



93.0300, 14.2822, -54.4003



110.8360, 8.9549, 21.1918



109.2710, -7.5286, 34.8423

Sweetspot

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



100.6090, -7.2022, -23.3361



146.5490, -2.7357, -9.2515



108.8090, -17.1608, -2.4635



73.0980, -2.0203, -5.3479



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



100.6090, -7.2022, -23.3361



127.3810, -11.5268, -36.2911



103.0030, 1.9705, -25.4356



56.6360, -1.2995, -3.1888



75.4900, -20.4546, -66.2047



154.7300, -41.7719, -135.6982

Inverse Universe

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



90.3910, 7.2022, 23.3361



111.5050, 11.0900, 36.3911



87.9970, -1.9705, 25.4356



55.2500, 0.8628, 3.2888



46.5100, 20.4546, 66.2047



95.2700, 41.7719, 135.6982

Previews

White Background



This preview shows how the YUV color 100.6090, -7.2022, -23.3361 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 × Fail

Black Background



This preview shows how the YUV color 100.6090, -7.2022, -23.3361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

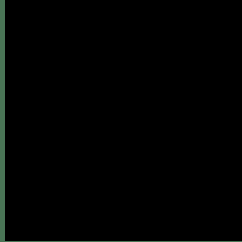
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 100.6090, -7.2022, -23.3361

Background



This preview shows how black text looks on a background with the YUV color 100.6090, -7.2022, -23.3361.



This preview shows how white text looks on a background with the YUV color 100.6090, -7.2022, -23.3361.

-23.3361.

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

100.6090, -7.2022, -23.3361

Protanopia

106.4280, -12.5360, 7.5176

Deuteranopia

107.6830, -9.2107, 14.3100



Tritanopia

103.7570, 8.5008, -19.9579

Trichromacy



Original Color

100.6090, -7.2022, -23.3361

Protanomaly

104.5190, -10.6089, -3.9632

Deuteranomaly

105.1220, -8.4411, 0.7700

Tritanomaly

102.5520, 2.6859, -21.5321

Monochromacy



Original Color

100.6090, -7.2022, -23.3361

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

100.9620, -2.4463, -8.7367

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.6090, -7.2022, -23.3361 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(74, 117, 86)` looks like.

```
.text, #text, p{  
    color:rgb(74, 117, 86)  
}
```

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(74, 117, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 117, 86) }
```

Border

The CSS property to change the border of an element to YUV 100.6090, -7.2022, -23.3361 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(74, 117, 86) }
```


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

```
.border{ border-color:rgb(74, 117, 86) }
```

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

Here you see how a box with a 4 pixel rgb(74, 117, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 117, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 117, 86);  
box-shadow:4px 4px 4px 4px rgb(74, 117,  
86) }
```

Background

The CSS property to change the background color of an element to YUV 100.6090, -7.2022, -23.3361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 117, 86) }
```

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

```
.background{ background-color: rgb(74, 117,  
86) }
```

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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