

Converting Colors

XYZ(57.2601, 53.3001, 7.2700)

Have a look what the booklet for
XYZ(57.2601, 53.3001, 7.2700)
contains.

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Color

**XYZ(57.3601, 53.5002,
7.3034)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB300
RGB	255, 179, 0
RGB Percent	100%, 70%, 0%
CMY	0.0000, 0.2980, 0.9999
CMYK	0.00, 0.30, 1.00, 0.00
HSL	42°, 100%, 50%
HSV	42°, 100%, 100%
XYZ	57.3601, 53.5002, 7.3034
YIQ	181.3180, 102.7550, -39.5570

Conversions

Conversions Part 2

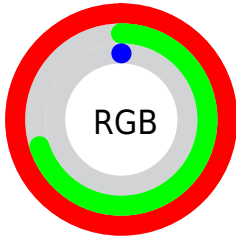
Format	Color
RYB	108, 255, 0
Decimal	16757504
CIELab	78.17, 16.63, 81.10
CIElCh	78, 82.787, 78.412
Yxy	53.5002, 0.4854, 0.4528
Android (android.graphics.Color)	4294947584 (0xFFFFB300)
YUV	181.3180, -89.3898, 64.6191
Hunter-Lab	73.1438, 11.9797, 45.2806

Details

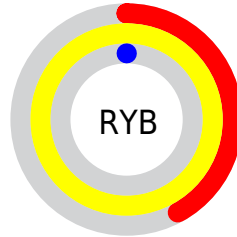
The XYZ color **57.3601, 53.5002, 7.3034** is a dark color, and the websafe version is hex **FFCC33**, and the color name is **ucla gold**. The color can be described as middle saturated orange. A complement of this color would be **20.6354, 12.3906, 95.9110**, and the grayscale version is **44.5261, 46.8449, 51.0141**.

A 20% lighter version of the original color is **72.4713, 81.2859, 19.8527**, and **29.3276, 26.3852, 3.5471** is the 20% darker color. If you saturate the color by 10%, you get **57.3600, 53.5005, 7.3034**, and if you desaturate by 10%, it is **59.1078, 56.7064, 8.7795**.

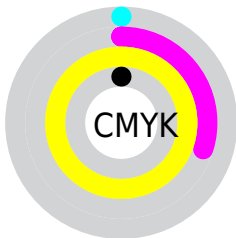
Distribution



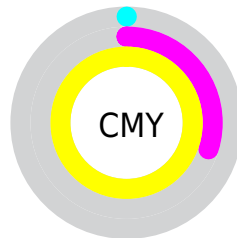
- Red (100%)
- Green (70%)
- Blue (0%)



- Red (42%)
- Yellow (100%)
- Blue (0%)



- Cyan (0%)
- Magenta (30%)
- Yellow (100%)
- Black (0%)



- Cyan (0%)
- Magenta (30%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.3601, 53.5002, 7.3034 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 XYZ color 57.3601, 53.5002, 7.3034 by changing the saturation by 10% instead.

57.3601, 53.5002,
7.3034

57.3601, 53.5002,
7.3034

404.7897,
400.2012, 179.8869

41.5357, 38.2022,
3.5712

100.1188, 95.3400,
21.1042

28.9274, 26.1397,
1.3932

127.7837,
122.6506, 32.0099

19.1699, 16.9282,
0.1364

160.1262,
154.7342, 46.1439

11.8979, 10.1833,
0.0000

197.5117,
191.9753, 63.9247

6.7459, 5.5207,
0.0000

240.3054,
234.7581, 85.7709

3.3486, 2.5559,
0.0000

288.8727,

1.3407, 0.9045,

283.4671, 112.1010

0.0000

343.5790,
338.4867, 143.3334

■ 0.2134, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.3601, 53.5002,
7.3034

■ 57.3601, 53.5002,
7.3034

■ 57.3600, 53.5005,
7.3034

■ 59.1078, 56.7064,
8.7795

■ 61.1755, 60.1747,
11.5248

■ 63.6375, 63.9392,
15.9201

■ 66.5392, 68.0201,
22.1977

69.9188, 72.4346,
30.5528

73.8098, 77.1979,
41.1560

78.2423, 82.3242,
54.1598

83.2439, 87.8261,
69.7036

88.8400, 93.7157,
87.9160

Harmonies

Analogous

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



74.4252, 53.5002, 13.7916



57.3601, 53.5002, 7.3034



41.6427, 53.5002, 8.0128

Triad

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



57.3601, 53.5002, 7.3034



26.6734, 53.5002, 91.1723



77.8519, 53.5002, 139.6778

Complementary

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



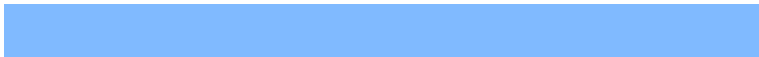
57.3601, 53.5002, 7.3034



20.6354, 12.3906, 95.9110

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.



61.3240, 53.5002, 190.2991



57.3601, 53.5002, 7.3034



32.8675, 53.5002, 153.5474

Square

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



57.3601, 53.5002, 7.3034



26.0549, 53.5002, 42.1234



44.8527, 53.5002, 196.4065



87.8255, 53.5002, 78.0488

Rectangle

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



57.3601, 53.5002, 7.3034



33.8652, 53.5002, 12.6117



44.8527, 53.5002, 196.4065



72.7348, 53.5002, 159.6868

Sweetspot

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



57.3613, 53.5029, 7.3044



78.2393, 82.3207, 54.1490



42.5623, 21.7892, 8.8940



16.3319, 17.1478, 10.3521



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



57.3613, 53.5029, 7.3044



57.3605, 53.5009, 7.3035



60.6625, 84.3573, 13.0859



19.0773, 20.1228, 19.0229



30.1087, 28.2286, 3.8618



3.0270, 2.9394, 0.4078

Inverse Universe

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



20.6354, 12.3906, 95.9110



20.6343, 12.3886, 95.9114



19.4161, 7.9246, 95.1132



17.4442, 18.2601, 22.8551



10.8946, 6.6987, 50.1534



1.1512, 0.8331, 4.9134

Previews

White Background



This preview shows how the XYZ color 57.3601, 53.5002, 7.3034 looks on a white 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

Black Background



This preview shows how the XYZ color 57.3601, 53.5002, 7.3034 looks on a black 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

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

XYZ 57.3601, 53.5002, 7.3034

Background



This preview shows how black text looks on a background with the XYZ color 57.3601, 53.5002, 7.3034.



This preview shows how white text looks on a background with the XYZ color 57.3601, 53.5002,

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

57.3601, 53.5002, 7.3034

Protanopia

48.5987, 53.6811, 8.2903

Tritanopia

63.9552, 53.3456, 50.6420

Trichromacy



Original Color

57.3601, 53.5002, 7.3034

Protanomaly

51.5311, 53.5729, 7.9118

Tritanomaly

59.2781, 52.3849, 23.2067

Monochromacy



Original Color

57.3601, 53.5002, 7.3034

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

45.4282, 47.2902, 22.9533

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3601, 53.5002, 7.3034 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(255, 179, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 0)  
}
```

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(255, 179, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 0) }
```

Border

The CSS property to change the border of an element to XYZ 57.3601, 53.5002, 7.3034 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(255, 179, 0) }
```

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

```
.border{ border-color:rgb(255, 179, 0) }
```

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

Here you see how a box with a 4 pixel rgb(255, 179, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
0) }
```


Background

The CSS property to change the background color of an element to XYZ 57.3601, 53.5002, 7.3034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 0) }
```

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

```
.background{ background-color: rgb(255,  
179, 0) }
```

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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