

Converting Colors

XYZ(53.4073, 52.3287, 7.2861)

Have a look what the booklet for
XYZ(53.4073, 52.3287, 7.2861)
contains.

XYZ(53.3459, 52.3331, 7.2897)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(53.3459, 52.3331,
7.2897)**

Conversions

Conversions Part 1

Format	Color
Hex	F2B600
RGB	242, 182, 0
RGB Percent	95%, 71%, 0%
CMY	0.0510, 0.2862, 0.9999
CMYK	0.00, 0.25, 1.00, 0.05
HSL	45°, 100%, 47%
HSV	45°, 100%, 95%
XYZ	53.3459, 52.3331, 7.2897
YIQ	179.1920, 94.1820, -43.8820

Conversions

Conversions Part 2

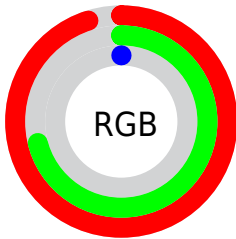
Format	Color
RYB	80, 242, 0
Decimal	15906304
CIELab	77.48, 9.51, 79.96
CIELCh	77, 80.524, 83.219
Yxy	52.3331, 0.4722, 0.4633
Android (android.graphics.Color)	4294096384 (0xFFFF2B600)
YUV	179.1920, -88.3417, 55.0826
Hunter-Lab	72.3416, 5.0310, 44.6646

Details

The XYZ color **53.3459, 52.3331, 7.2897** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle saturated orange. A complement of this color would be **17.6437, 9.6440, 84.9353**, and the grayscale version is **43.3743, 45.6331, 49.6945**.

A 20% lighter version of the original color is **73.3375, 83.0183, 20.1415**, and **26.8050, 25.6686, 3.5418** is the 20% darker color. If you saturate the color by 10%, you get **53.3459, 52.3336, 7.2898**, and if you desaturate by 10%, it is **54.7694, 54.9131, 8.5889**.

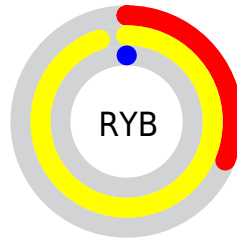
Distribution



Red (95%)

Green (71%)

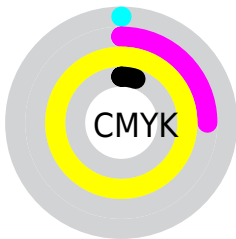
Blue (0%)



Red (31%)

Yellow (95%)

Blue (0%)

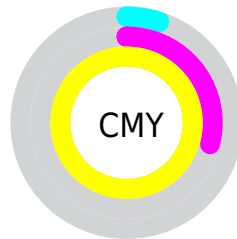


Cyan (0%)

Magenta (25%)

Yellow (100%)

Black (5%)



Cyan (5%)

Magenta (29%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.3459, 52.3331, 7.2897 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 53.3459, 52.3331, 7.2897 by changing the saturation by 10% instead.

53.3459, 52.3331,
7.2897

53.3459, 52.3331,
7.2897

389.8500,
395.7212, 179.7709

38.3076, 37.2707,
3.5627

94.2757, 93.6223,
21.0764

26.3998, 25.4171,
1.3887

120.8979,
120.6179, 31.9732

17.2572, 16.3881,
0.1329

152.1120,
152.3599, 46.0971

10.5145, 9.7992,
0.0000

188.2835,
189.2328, 63.8665

5.8063, 5.2660,
0.0000

229.7777,
231.6210, 85.7001

2.7672, 2.4042,
0.0000

276.9599,

1.0319, 0.8280,

279.9089, 112.0163

0.0000

330.1956,
334.4808, 143.2337

■ 0.0000, 0.0000,
0.0000

■ 53.3459, 52.3331,
7.2897

■ 53.3459, 52.3331,
7.2897

■ 53.3459, 52.3336,
7.2898

■ 54.7694, 54.9131,
8.5889

■ 56.4530, 57.6803,
11.0000

■ 58.4634, 60.6644,
14.8656

■ 60.8396, 63.8821,
20.3893

■ 63.6149, 67.3477,
27.7422

■ 66.8183, 71.0737,
37.0741

■ 70.4756, 75.0715,
48.5190

■ 74.6108, 79.3514,
62.1994

■ 79.2458, 83.9232,
78.2283

Harmonies

Analogous

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



69.8189, 52.3331, 12.2982



53.3459, 52.3331, 7.2897



38.8858, 52.3331, 9.0150

Triad

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



53.3459, 52.3331, 7.2897



27.0600, 52.3331, 97.7216



77.6534, 52.3331, 124.9435

Complementary

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



53.3459, 52.3331, 7.2897



17.6437, 9.6440, 84.9353

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.



62.4489, 52.3331, 177.0260



53.3459, 52.3331, 7.2897



33.9365, 52.3331, 156.4118

Square

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



53.3459, 52.3331, 7.2897



25.6158, 52.3331, 47.4808



46.3024, 52.3331, 190.8265



85.6197, 52.3331, 67.6726

Rectangle

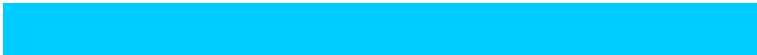
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.3459, 52.3331, 7.2897



31.9866, 52.3331, 14.6528



46.3024, 52.3331, 190.8265



73.0850, 52.3331, 144.6329

Sweetspot

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



53.3471, 52.3357, 7.2907



79.3313, 84.5048, 54.5130



37.4472, 19.2093, 6.0808



16.5941, 17.6722, 10.4395



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.



53.3471, 52.3357, 7.2907



60.0411, 58.8623, 8.1970



50.9266, 73.3887, 11.4819



16.7717, 17.7565, 16.6931



28.7716, 28.3412, 3.9540



2.4713, 2.5132, 0.3548

Inverse Universe

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



17.6437, 9.6440, 84.9353



19.8398, 10.7995, 95.6466



17.9219, 7.3880, 84.4852



15.2156, 15.8653, 19.9820



9.5682, 5.3606, 45.6583



0.8721, 0.5981, 3.8237

Previews

White Background



This preview shows how the XYZ color 53.3459, 52.3331, 7.2897 looks on a white background.

Color Contrast Check

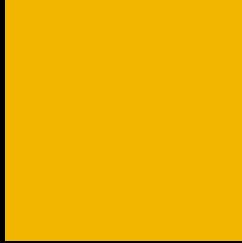
Large Text (above 18pt) WCAG AA × Fail

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 53.3459, 52.3331, 7.2897 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 53.3459, 52.3331, 7.2897

Background



This preview shows how black text looks on a background with the XYZ color 53.3459, 52.3331, 7.2897.



This preview shows how white text looks on a background with the XYZ color 53.3459, 52.3331,

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

53.3459, 52.3331, 7.2897

Protanopia

47.2412, 52.3273, 7.9911

Deuteranopia

53.7120, 52.5193, 7.4212



Tritanopia

62.4151, 52.2626, 51.0540

Trichromacy



Original Color

53.3459, 52.3331, 7.2897

Protanomaly

49.0784, 51.9915, 7.6784

Deuteranomaly

53.7065, 52.5172, 7.3923

Tritanomaly

56.9998, 51.4895, 23.4572

Monochromacy



Original Color

53.3459, 52.3331, 7.2897

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

43.7156, 46.4140, 22.5743

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3459, 52.3331, 7.2897 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(242, 182, 0)` looks like.

```
.text, #text, p{  
    color:rgb(242, 182, 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(242, 182, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 182, 0) }
```

Border

The CSS property to change the border of an element to XYZ 53.3459, 52.3331, 7.2897 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(242, 182, 0) }
```


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

```
.border{ border-color:rgb(242, 182, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 182, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 182, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 182, 0);  
box-shadow:4px 4px 4px 4px rgb(242, 182,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3459, 52.3331, 7.2897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 182, 0) }
```

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

```
.background{ background-color: rgb(242,  
182, 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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