

Converting Colors

XYZ(56.1547, 51.7770, 9.3118)

Have a look what the booklet for
XYZ(56.1547, 51.7770, 9.3118)
contains.

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Color

**XYZ(55.9109, 51.5298,
9.2849)**

Conversions

Conversions Part 1

Format	Color
Hex	FCAF2B
RGB	252, 175, 43
RGB Percent	99%, 69%, 17%
CMY	0.0118, 0.3137, 0.8314
CMYK	0.00, 0.31, 0.83, 0.01
HSL	38°, 97%, 58%
HSV	38°, 83%, 99%
XYZ	55.9109, 51.5298, 9.2849
YIQ	182.9750, 88.2640, -24.7280

Conversions

Conversions Part 2

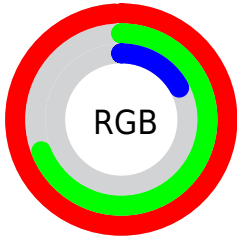
Format	Color
R _Y B	165, 252, 43
Decimal	16559915
CIE Lab	77.00, 18.09, 72.31
CIE LCh	77, 74.539, 75.957
Yxy	51.5298, 0.4790, 0.4415
Android (android.graphics.Color)	4294749995 (0xFFFC AF2B)
YUV	182.9750, -69.0077, 60.5349
Hunter-Lab	71.7843, 13.4066, 42.5801

Details

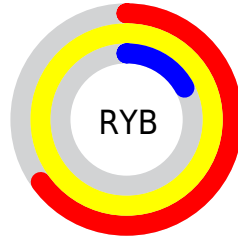
The XYZ color **55.9109, 51.5298, 9.2849** is a light color, and the websafe version is hex **FF9900**. The color can be described as light washed orange. A complement of this color would be **25.2832, 20.9743, 94.8106**, and the grayscale version is **45.3303, 47.6910, 51.9355**.

A 20% lighter version of the original color is **71.8858, 78.7932, 23.7317**, and **28.3182, 25.1131, 3.3548** is the 20% darker color. If you saturate the color by 10%, you get **53.8382, 47.9103, 6.9740**, and if you desaturate by 10%, it is **58.3951, 55.5170, 13.1398**.

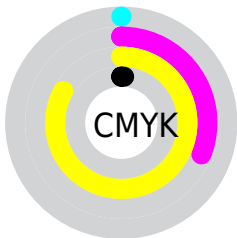
Distribution



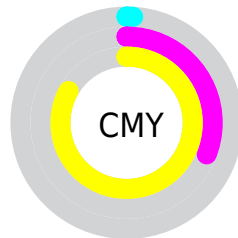
- Red (99%)
- Green (69%)
- Blue (17%)



- Red (65%)
- Yellow (99%)
- Blue (17%)



- Cyan (0%)
- Magenta (31%)
- Yellow (83%)
- Black (1%)





- Cyan (1%)
- Magenta (31%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.9109, 51.5298, 9.2849 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 55.9109, 51.5298, 9.2849 by changing the saturation by 10% instead.


 55.9109, 51.5298,
9.2849


 55.9109, 51.5298,
9.2849


399.4361,
392.6187, 195.7849


 40.3682, 36.6304,
4.8281


 98.0149, 92.4374,
25.0279


 28.0112, 24.9215,
2.0898


 125.3068,
119.2145, 37.1513

 18.4746, 16.0186,
0.6097


 157.2460,
150.7195, 52.6672

 11.3930, 9.5373,
0.0000

 194.1976,
187.3370, 71.9943

 6.4011, 5.0933,
0.0000

 236.5270,
229.4512, 95.5511

 3.1334, 2.3021,
0.0000

 284.5997,

 1.2247, 0.7748,

277.4466, 123.7561

0.0000

338.7809,
331.7077, 157.0278

■ 0.1257, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.9109, 51.5298,
9.2849

■ 55.9109, 51.5298,
9.2849

■ 53.8382, 47.9103,
6.9740


■ 58.3951, 55.5170,
13.1398


■ 52.5710, 45.5480,
6.0209


■ 61.3355, 59.8870,
18.7769


■ 64.7730, 64.6623,
26.3958

■ 68.7425, 69.8605,
36.1687

 73.2752, 75.4974,
48.2489

 78.3995, 81.5881,
62.7756

 84.1417, 88.1463,
79.8767

 90.5265, 95.1853,
99.6714

 93.9546, 99.4353,
108.8487

Harmonies

Analogous

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



70.5331, 51.5298, 16.5625



55.9109, 51.5298, 9.2849



41.8437, 51.5298, 9.4903

Triad

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



55.9109, 51.5298, 9.2849



27.1248, 51.5298, 80.4853



71.3593, 51.5298, 129.9799

Complementary

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



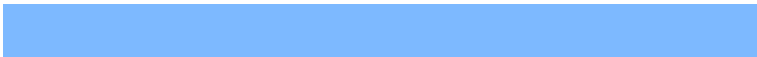
55.9109, 51.5298, 9.2849



25.2832, 20.9743, 94.8106

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.



56.8793, 51.5298, 169.9774



55.9109, 51.5298, 9.2849



32.3328, 51.5298, 133.2427

Square

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



55.9109, 51.5298, 9.2849



26.9658, 51.5298, 39.1814



42.6424, 51.5298, 171.3977



80.5521, 51.5298, 77.3166

Rectangle

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



55.9109, 51.5298, 9.2849



34.6225, 51.5298, 13.6129



42.6424, 51.5298, 171.3977



66.8359, 51.5298, 146.2701

Sweetspot

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



55.9121, 51.5324, 9.2859



79.3917, 82.4731, 61.1691



44.5913, 23.8565, 21.0327



16.5916, 17.1777, 11.9475



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.



55.9121, 51.5324, 9.2859



53.9953, 46.7705, 6.1818



67.1197, 86.2261, 15.3917



18.1585, 19.0528, 18.1829



27.5307, 24.0180, 3.1849



2.6510, 2.4269, 0.3287

Inverse Universe

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



25.2832, 20.9743, 94.8106



22.0474, 15.2148, 96.3825



20.7760, 9.9634, 92.9229



16.8067, 17.6902, 21.9140



11.3128, 7.9811, 48.9178



1.1452, 0.9340, 4.5631

Previews

White Background



This preview shows how the XYZ color 55.9109, 51.5298, 9.2849 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 55.9109, 51.5298, 9.2849 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 55.9109, 51.5298, 9.2849

Background



This preview shows how black text looks on a background with the XYZ color 55.9109, 51.5298, 9.2849.



This preview shows how white text looks on a background with the XYZ color 55.9109, 51.5298,

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

55.9109, 51.5298, 9.2849

Protanopia

46.8754, 51.7630, 10.2100

Deuteranopia

52.8421, 51.7262, 9.2066



Tritanopia

62.6309, 51.3446, 48.2045

Trichromacy



Original Color

55.9109, 51.5298, 9.2849

Protanomaly

49.8370, 51.3892, 9.8772

Deuteranomaly

53.8286, 51.6334, 9.2270

Tritanomaly

58.9573, 51.0053, 27.1597

Monochromacy



Original Color

55.9109, 51.5298, 9.2849

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

46.4985, 47.7184, 28.5896

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9109, 51.5298, 9.2849 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(252, 175, 43)` looks like.

```
.text, #text, p{  
    color:rgb(252, 175, 43)  
}
```

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(252, 175, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 175, 43) }
```

Border

The CSS property to change the border of an element to XYZ 55.9109, 51.5298, 9.2849 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(252, 175, 43) }
```


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

```
.border{ border-color:rgb(252, 175, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 175, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 175, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 175, 43);  
box-shadow:4px 4px 4px 4px rgb(252, 175,  
43) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9109, 51.5298, 9.2849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 175, 43) }
```

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

```
.background{ background-color: rgb(252,  
175, 43) }
```

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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