

Converting Colors

XYZ(55.3509, 49.2925, 7.2173)

Have a look what the booklet for
XYZ(55.3509, 49.2925, 7.2173)
contains.

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Color

**XYZ(55.3602, 49.3123,
7.2165)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA813
RGB	255, 168, 19
RGB Percent	100%, 66%, 7%
CMY	0.0000, 0.3411, 0.9254
CMYK	0.00, 0.34, 0.93, 0.00
HSL	38°, 100%, 54%
HSV	38°, 93%, 100%
XYZ	55.3602, 49.3123, 7.2165
YIQ	177.0270, 99.6810, -27.8950

Conversions

Conversions Part 2

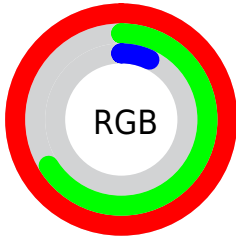
Format	Color
RYB	157, 255, 19
Decimal	16754707
CIELab	75.65, 22.54, 77.07
CIElCh	76, 80.300, 73.697
Yxy	49.3123, 0.4948, 0.4407
Android (android.graphics.Color)	4294944787 (0xFFFFA813)
YUV	177.0270, -77.9073, 68.3823
Hunter-Lab	70.2227, 17.8310, 43.0629

Details

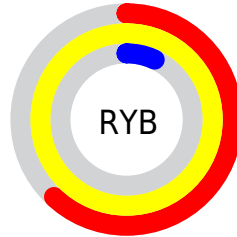
The XYZ color **55.3602, 49.3123, 7.2165** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle washed orange. A complement of this color would be **23.4729, 17.6670, 96.7799**, and the grayscale version is **42.1659, 44.3618, 48.3100**.

A 20% lighter version of the original color is **69.3074, 74.7072, 19.5711**, and **27.9836, 23.6972, 3.0991** is the 20% darker color. If you saturate the color by 10%, you get **53.9845, 46.7494, 6.1783**, and if you desaturate by 10%, it is **57.5067, 53.0509, 9.6424**.

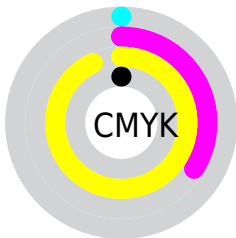
Distribution



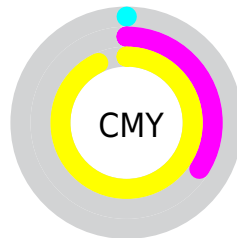
- Red (100%)
- Green (66%)
- Blue (7%)



- Red (62%)
- Yellow (100%)
- Blue (7%)



- Cyan (0%)
- Magenta (34%)
- Yellow (93%)
- Black (0%)



- Cyan (0%)
- Magenta (34%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.3602, 49.3123, 7.2165 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 55.3602, 49.3123, 7.2165 by changing the saturation by 10% instead.

55.3602, 49.3123,
7.2165

55.3602, 49.3123,
7.2165

397.3901,
383.9705, 179.1493

39.9252, 34.8673,
3.5174

97.2138, 89.1551,
20.9277

27.6642, 23.5607,
1.3645

124.3630,
115.3217, 31.7768

18.2118, 15.0080,
0.1138

156.1477,
146.1642, 45.8464

11.2028, 8.8250,
0.0000

192.9331,
182.0672, 63.5549

6.2717, 4.6272,
0.0000

235.0848,
223.4149, 85.3209

3.0532, 2.0303,
0.0000

282.9679,

1.1820, 0.6250,

270.5917, 111.5630

0.0000

336.9479,
323.9821, 142.6996

■ 0.0921, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.3602, 49.3123,
7.2165

■ 55.3602, 49.3123,
7.2165


■ 53.9845, 46.7494,
6.1783


■ 57.5067, 53.0509,
9.6424


■ 60.0749, 57.1611,
13.6629


■ 63.1152, 61.6687,
19.5251


■ 66.6683, 66.5942,
27.4325

 70.7700, 71.9555,
37.5614

 75.4522, 77.7691,
50.0688

 80.7441, 84.0503,
65.0977

 86.6728, 90.8132,
82.7794

 93.2634, 98.0714,
103.2361

Harmonies

Analogous

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



70.7215, 49.3123, 14.6716



55.3602, 49.3123, 7.2165



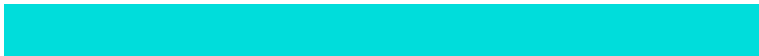
40.4223, 49.3123, 6.9666

Triad

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



55.3602, 49.3123, 7.2165



24.2232, 49.3123, 75.5020



69.5191, 49.3123, 137.2872

Complementary

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



55.3602, 49.3123, 7.2165



23.4729, 17.6670, 96.7799

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.



53.9689, 49.3123, 178.9557



55.3602, 49.3123, 7.2165



29.0927, 49.3123, 132.4231

Square

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



55.3602, 49.3123, 7.2165



24.4405, 49.3123, 33.8356



39.2953, 49.3123, 176.8142



80.0041, 49.3123, 80.1063

Rectangle

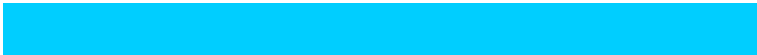
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



55.3602, 49.3123, 7.2165



32.7332, 49.3123, 10.3244



39.2953, 49.3123, 176.8142



64.5834, 49.3123, 154.6530

Sweetspot

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



55.3613, 49.3148, 7.2174



77.7807, 80.5656, 56.5791



44.2586, 22.8403, 16.6777



16.1745, 16.6757, 10.7846



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.



55.3613, 49.3148, 7.2174



53.9849, 46.7498, 6.1783



67.7035, 87.9735, 14.0288



18.9654, 19.8989, 18.9856



28.3558, 24.7229, 3.2775



2.8654, 2.6161, 0.3539

Inverse Universe

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



23.4729, 17.6670, 96.7799



22.0527, 15.2254, 96.3842



19.4342, 8.2796, 95.1808



17.5513, 18.4743, 22.8908



11.6531, 8.2157, 50.4062



1.2347, 1.0002, 4.9412

Previews

White Background



This preview shows how the XYZ color 55.3602, 49.3123, 7.2165 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 55.3602, 49.3123, 7.2165 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 55.3602, 49.3123, 7.2165

Background



This preview shows how black text looks on a background with the XYZ color 55.3602, 49.3123, 7.2165.



This preview shows how white text looks on a background with the XYZ color 55.3602, 49.3123,

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

55.3602, 49.3123, 7.2165

Protanopia

44.8207, 49.4641, 8.1625

Deuteranopia

50.3142, 49.2771, 6.8596



Tritanopia

61.0665, 49.3039, 44.3283

Trichromacy



Original Color

55.3602, 49.3123, 7.2165

Protanomaly

48.1545, 49.0353, 7.7374

Deuteranomaly

52.1366, 49.3421, 6.9771

Tritanomaly

57.4317, 48.6922, 22.5912

Monochromacy



Original Color

55.3602, 49.3123, 7.2165

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

43.7031, 44.6073, 24.0760

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3602, 49.3123, 7.2165 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, 168, 19)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 19)  
}
```

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, 168, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 19) }
```

Border

The CSS property to change the border of an element to XYZ 55.3602, 49.3123, 7.2165 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, 168, 19) }
```


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

```
.border{ border-color:rgb(255, 168, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 168, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 168, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 168, 19);  
box-shadow:4px 4px 4px 4px rgb(255, 168,  
19) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3602, 49.3123, 7.2165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 168, 19) }
```

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

```
.background{ background-color: rgb(255,  
168, 19) }
```

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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