

Converting Colors

XYZ(53.6406, 48.7241, 11.0704)

Have a look what the booklet for
XYZ(53.6406, 48.7241, 11.0704)
contains.

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Color

**XYZ(53.4152, 48.4979,
11.1032)**

Conversions

Conversions Part 1

Format	Color
Hex	F7A93E
RGB	247, 169, 62
RGB Percent	97%, 66%, 24%
CMY	0.0314, 0.3372, 0.7568
CMYK	0.00, 0.32, 0.75, 0.03
HSL	35°, 92%, 61%
HSV	35°, 75%, 97%
XYZ	53.4152, 48.4979, 11.1032
YIQ	180.1240, 80.8350, -16.7410

Conversions

Conversions Part 2

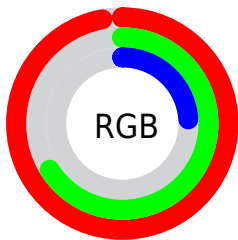
Format	Color
RYB	197, 247, 62
Decimal	16230718
CIELab	75.14, 19.78, 63.70
CIELCh	75, 66.696, 72.749
Yxy	48.4979, 0.4726, 0.4291
Android (android.graphics.Color)	4294420798 (0xFFFF7A93E)
YUV	180.1240, -58.2351, 58.6503
Hunter-Lab	69.6404, 15.0413, 39.2953

Details

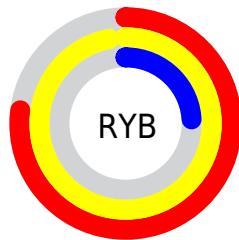
The XYZ color **53.4152, 48.4979, 11.1032** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **28.1526, 26.4945, 91.6251**, and the grayscale version is **43.7230, 46.0000, 50.0940**.

A 20% lighter version of the original color is **71.0480, 75.8323, 27.4155**, and **26.6110, 23.1617, 3.0681** is the 20% darker color. If you saturate the color by 10%, you get **51.0245, 44.5663, 7.6882**, and if you desaturate by 10%, it is **56.2701, 52.8662, 16.1919**.

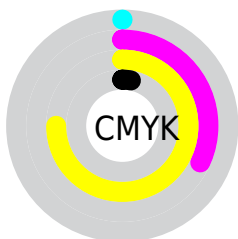
Distribution



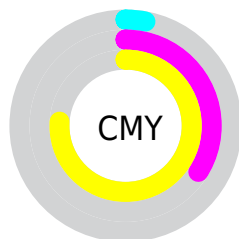
- Red (97%)
- Green (66%)
- Blue (24%)



- Red (77%)
- Yellow (97%)
- Blue (24%)



- Cyan (0%)
- Magenta (32%)
- Yellow (75%)
- Black (3%)





- Cyan (3%)
- Magenta (34%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.4152, 48.4979, 11.1032 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 53.4152, 48.4979, 11.1032 by changing the saturation by 10% instead.


 53.4152, 48.4979,
11.1032

 53.4152, 48.4979,
11.1032


390.1109,
380.7623, 209.1370


 38.3631, 34.2214,
6.0212


 94.3770, 87.9453,
28.4904

 26.4431, 23.0637,
2.7890


 121.0174,
113.8849, 41.6327


 17.2899, 14.6405,
0.9879


 152.2513,
144.4810, 58.2989

 10.5380, 8.5675,
0.0000

 188.4441,
180.1179, 78.9076

 5.8221, 4.4602,
0.0000

 229.9611,
221.1801, 103.8771

 2.7768, 1.9342,
0.0000

277.1677,

 1.0369, 0.5688,

268.0520, 133.6262

0.0000

330.4291,
321.1179, 168.5733

■ 0.0000, 0.0000,
0.0000

■ 53.4152, 48.4979,
11.1032

■ 53.4152, 48.4979,
11.1032

■ 51.0245, 44.5663,
7.6882

■ 56.2701, 52.8662,
16.1919

■ 49.0458, 41.0385,
5.7037


■ 59.6263, 57.6854,
23.1474


■ 48.1599, 39.3790,
5.0626


■ 63.5202, 62.9774,
32.1391


■ 67.9830, 68.7599,
43.3162

■ 73.0434, 75.0495,
56.8141

 78.7278, 81.8617,
72.7570

 85.0610, 89.2110,
91.2600

 91.3161, 96.8114,
108.4813

 92.1674, 98.5140,
108.7651

Harmonies

Analogous

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



65.5760, 48.4979, 19.0510



53.4152, 48.4979, 11.1032



41.1064, 48.4979, 10.6267

Triad

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



53.4152, 48.4979, 11.1032



26.7788, 48.4979, 69.0776



63.9399, 48.4979, 119.1734

Complementary

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



53.4152, 48.4979, 11.1032



28.1526, 26.4945, 91.6251

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.



51.4735, 48.4979, 149.2870



53.4152, 48.4979, 11.1032



30.9148, 48.4979, 112.8610

Square

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



53.4152, 48.4979, 11.1032



27.1125, 48.4979, 35.2695



39.4776, 48.4979, 146.5698



72.3503, 48.4979, 75.3628

Rectangle

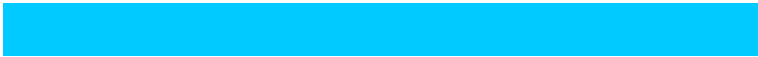
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.4152, 48.4979, 11.1032



34.5257, 48.4979, 14.0392



39.4776, 48.4979, 146.5698



59.9989, 48.4979, 131.9504

Sweetspot

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



53.4163, 48.5004, 11.1041



80.2108, 82.7262, 65.7122



44.9754, 25.1777, 28.1468



16.8270, 17.2926, 13.1231



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.



53.4163, 48.5004, 11.1041



53.6897, 45.8698, 6.9723



68.2808, 84.4742, 17.2643



17.2953, 18.0746, 17.3748



25.6141, 21.1138, 2.7254



2.3528, 2.0588, 0.2734

Inverse Universe

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



28.1526, 26.4945, 91.6251



25.4542, 21.4148, 97.3996



21.3612, 11.6302, 89.1139



16.1553, 17.0750, 20.9869



11.6374, 9.0686, 47.6751



1.1222, 0.9958, 4.2233

Previews

White Background



This preview shows how the XYZ color 53.4152, 48.4979, 11.1032 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 53.4152, 48.4979, 11.1032 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 53.4152, 48.4979, 11.1032

Background



This preview shows how black text looks on a background with the XYZ color 53.4152, 48.4979, 11.1032.



This preview shows how white text looks on a background with the XYZ color 53.4152, 48.4979,

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

53.4152, 48.4979, 11.1032

Protanopia

44.3042, 48.7885, 12.3922

Deuteranopia

49.6197, 48.5327, 11.0275



Tritanopia

60.3556, 48.4268, 44.1964

Trichromacy



Original Color

53.4152, 48.4979, 11.1032

Protanomaly

47.3996, 48.5538, 11.8746

Deuteranomaly

50.7109, 48.2286, 11.0512

Tritanomaly

56.8007, 47.9886, 27.7417

Monochromacy



Original Color

53.4152, 48.4979, 11.1032

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

44.9425, 45.6942, 30.1180

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4152, 48.4979, 11.1032 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(247, 169, 62)` looks like.

```
.text, #text, p{  
    color:rgb(247, 169, 62)  
}
```

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(247, 169, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 169, 62) }
```

Border

The CSS property to change the border of an element to XYZ 53.4152, 48.4979, 11.1032 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(247, 169, 62) }
```


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

```
.border{ border-color:rgb(247, 169, 62) }
```

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

Here you see how a box with a 4 pixel rgb(247, 169, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 169, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 169, 62);  
box-shadow:4px 4px 4px 4px rgb(247, 169,  
62) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4152, 48.4979, 11.1032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 169, 62) }
```

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

```
.background{ background-color: rgb(247,  
169, 62) }
```

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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