

Converting Colors

XYZ(52.8824, 44.2896, 6.5976)

Have a look what the booklet for
XYZ(52.8824, 44.2896, 6.5976)
contains.

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Color

**XYZ(52.9503, 44.4331,
6.5963)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9A17
RGB	255, 154, 23
RGB Percent	100%, 60%, 9%
CMY	0.0000, 0.3960, 0.9098
CMYK	0.00, 0.40, 0.91, 0.00
HSL	34°, 100%, 55%
HSV	34°, 91%, 100%
XYZ	52.9503, 44.4331, 6.5963
YIQ	169.2650, 102.2470, -19.3290

Conversions

Conversions Part 2

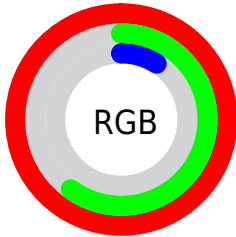
Format	Color
R_{YB}	202, 255, 23
Decimal	16751127
CIE _{Lab}	72.52, 29.88, 74.07
CIE _{LCh}	73, 79.865, 68.032
Yxy	44.4331, 0.5092, 0.4273
Android (android.graphics.Color)	4294941207 (0xFFFF9A17)
YUV	169.2650, -72.1086, 75.1896
Hunter-Lab	66.6582, 25.1407, 40.7935

Details

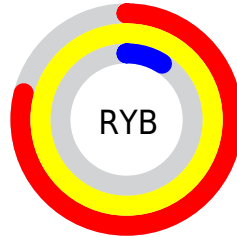
The XYZ color **52.9503, 44.4331, 6.5963** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle washed orange. A complement of this color would be **25.6110, 21.8175, 97.4684**, and the grayscale version is **38.1557, 40.1428, 43.7155**.

A 20% lighter version of the original color is **65.7202, 67.5328, 18.3754**, and **26.4896, 20.7092, 2.6011** is the 20% darker color. If you saturate the color by 10%, you get **51.2117, 41.2038, 5.2540**, and if you desaturate by 10%, it is **55.2584, 48.4268, 9.2865**.

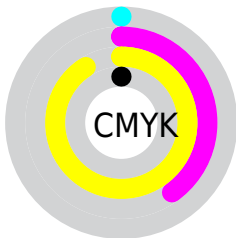
Distribution



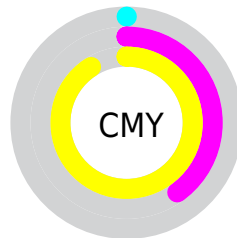
- Red (100%)
- Green (60%)
- Blue (9%)



- Red (79%)
- Yellow (100%)
- Blue (9%)



- Cyan (0%)
- Magenta (40%)
- Yellow (91%)
- Black (0%)





- Cyan (0%)
- Magenta (40%)
- Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.9503, 44.4331, 6.5963 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 52.9503, 44.4331, 6.5963 by changing the saturation by 10% instead.


 52.9503, 44.4331,
6.5963


 52.9503, 44.4331,
6.5963


388.3584,
364.4727, 173.7674


 37.9904, 31.0111,
3.1363

 93.6972, 81.8691,
19.6552


 26.1524, 20.6073,
1.1647


 120.2149,
106.6518, 30.0912

 17.0710, 12.8373,
0.0000


 151.3159,
135.9904, 43.6897

 10.3807, 7.3166,
0.0000

 187.3657,
170.2690, 60.8691

 5.7163, 3.6609,
0.0000

 228.7294,
209.8722, 82.0481

 2.7124, 1.4857,
0.0000

 275.7725,

 1.0035, 0.2787,

255.1842, 107.6451

0.0000

328.8604,
306.5896, 138.0787

■ 0.0000, 0.0000,
0.0000

■ 52.9503, 44.4331,
6.5963

■ 52.9503, 44.4331,
6.5963

■ 51.2117, 41.2038,
5.2540

■ 55.2584, 48.4268,
9.2865

■ 58.0424, 52.8871,
13.6291

■ 61.3523, 57.8427,
19.8632

■ 65.2299, 63.3169,
28.1881

■ 69.7119, 69.3305,
38.7769

■ 74.8311, 75.9031,
51.7850

■ 80.6180, 83.0526,
67.3537

■ 87.1007, 90.7960,
85.6132

94.3056, 99.1497,
106.6850

Harmonies

Analogous

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



66.7549, 44.4331, 15.0509



52.9503, 44.4331, 6.5963



38.6339, 44.4331, 5.4118

Triad

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



52.9503, 44.4331, 6.5963



21.0389, 44.4331, 59.7882



60.7696, 44.4331, 136.2525

Complementary

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



52.9503, 44.4331, 6.5963



25.6110, 21.8175, 97.4684

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.



46.0476, 44.4331, 169.2893



52.9503, 44.4331, 6.5963



24.5980, 44.4331, 111.8838

Square

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



52.9503, 44.4331, 6.5963



22.1029, 44.4331, 25.1666



33.0680, 44.4331, 158.5328



71.9108, 44.4331, 82.7177

Rectangle

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



52.9503, 44.4331, 6.5963



30.9544, 44.4331, 7.5375



33.0680, 44.4331, 158.5328



55.9625, 44.4331, 151.1579

Sweetspot

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



52.9513, 44.4354, 6.5971



77.0516, 78.6770, 57.6632



45.4034, 23.4158, 22.3437



16.0829, 16.3293, 11.2569



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.



52.9513, 44.4354, 6.5971



51.2120, 41.2041, 5.2540



73.0147, 90.7072, 14.4710



18.8605, 19.6893, 18.9507



26.9107, 21.8327, 2.7958



2.7289, 2.3433, 0.3085

Inverse Universe

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



25.6110, 21.8175, 97.4684



23.7353, 18.5906, 96.9451



19.0363, 8.1836, 95.1833



17.6535, 18.6786, 22.9248



12.5444, 9.9984, 50.7033



1.3277, 1.1861, 4.9722

Previews

White Background



This preview shows how the XYZ color 52.9503, 44.4331, 6.5963 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 52.9503, 44.4331, 6.5963 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 52.9503, 44.4331, 6.5963

Background



This preview shows how black text looks on a background with the XYZ color 52.9503, 44.4331, 6.5963.



This preview shows how white text looks on a background with the XYZ color 52.9503, 44.4331,

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

52.9503, 44.4331, 6.5963

Protanopia

40.4418, 44.7514, 7.7347

Deuteranopia

45.2393, 44.3835, 6.1825



Tritanopia

57.6745, 44.5277, 37.0074

Trichromacy



Original Color

52.9503, 44.4331, 6.5963

Protanomaly

44.3913, 44.2007, 7.2288

Deuteranomaly

47.9114, 44.4013, 6.2748

Tritanomaly

54.8531, 44.1554, 19.8191

Monochromacy



Original Color

52.9503, 44.4331, 6.5963

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

40.2473, 40.0912, 22.1401

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9503, 44.4331, 6.5963 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, 154, 23)` looks like.

```
.text, #text, p{  
    color:rgb(255, 154, 23)  
}
```

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, 154, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 154, 23) }
```

Border

The CSS property to change the border of an element to XYZ 52.9503, 44.4331, 6.5963 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, 154, 23) }
```


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

```
.border{ border-color:rgb(255, 154, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 154, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 154, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 154, 23);  
box-shadow:4px 4px 4px 4px rgb(255, 154,  
23) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9503, 44.4331, 6.5963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 154, 23) }
```

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

```
.background{ background-color: rgb(255,  
154, 23) }
```

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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