

Converting Colors

XYZ(51.1527, 42.0424, 7.6094)

Have a look what the booklet for
XYZ(51.1527, 42.0424, 7.6094)
contains.

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Color

**XYZ(51.1527, 42.0424,
7.6094)**

Conversions

Conversions Part 1

Format	Color
Hex	FC942A
RGB	252, 148, 42
RGB Percent	99%, 58%, 16%
CMY	0.0118, 0.4196, 0.8353
CMYK	0.00, 0.41, 0.83, 0.01
HSL	30°, 97%, 58%
HSV	30°, 83%, 99%
XYZ	51.1527, 42.0424, 7.6094
YIQ	167.0120, 96.0100, -10.9180

Conversions

Conversions Part 2

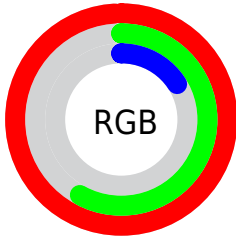
Format	Color
R _Y B	248, 252, 42
Decimal	16553002
CIE Lab	70.90, 32.14, 67.45
CIE LCh	71, 74.711, 64.524
Yxy	42.0424, 0.5074, 0.4171
Android (android.graphics.Color)	4294743082 (0xFFFC942A)
YUV	167.0120, -61.6309, 74.5345
Hunter-Lab	64.8401, 27.3494, 38.4300

Details

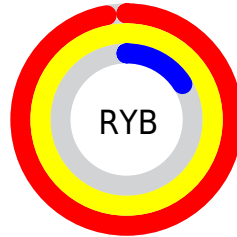
The XYZ color **51.1527, 42.0424, 7.6094** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **28.8037, 28.0769, 95.9960**, and the grayscale version is **36.9958, 38.9225, 42.3866**.

A 20% lighter version of the original color is **64.7536, 64.8349, 20.4108**, and **25.1691, 19.1846, 2.3764** is the 20% darker color. If you saturate the color by 10%, you get **48.9821, 38.2109, 5.3161**, and if you desaturate by 10%, it is **53.8192, 46.4137, 11.4644**.

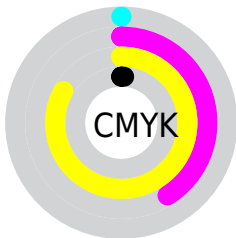
Distribution



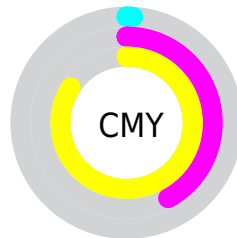
- Red (99%)
- Green (58%)
- Blue (16%)



- Red (97%)
- Yellow (99%)
- Blue (16%)



- Cyan (0%)
- Magenta (41%)
- Yellow (83%)
- Black (1%)





- Cyan (1%)
- Magenta (42%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.1527, 42.0424, 7.6094 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 51.1527, 42.0424, 7.6094 by changing the saturation by 10% instead.


 51.1527, 42.0424,
7.6094


 51.1527, 42.0424,
7.6094


381.5347,
354.6587, 182.4541

 36.5517, 29.1345,
3.7619


 91.0621, 78.2638,
21.7225

 25.0327, 19.1826,
1.4956


 117.1012,
102.3461, 32.8251


 16.2302, 11.8023,
0.2147


 147.6837,
130.9219, 47.1831

 9.7791, 6.6092,
0.0000

 183.1749,
164.3757, 65.2152

 5.3139, 3.2189,
0.0000

 223.9403,
203.0919, 87.3398

 2.4692, 1.2471,
0.0000

 270.3451,

 0.8798, 0.0997,

247.4549, 113.9754

0.0000

322.7548,
297.8490, 145.5407

■ 0.0000, 0.0000,
0.0000

■ 51.1527, 42.0424,
7.6094

■ 51.1527, 42.0424,
7.6094

■ 48.9821, 38.2109,
5.3161

■ 53.8192, 46.4137,
11.4644

■ 47.7607, 35.9275,
4.4174

■ 57.0311, 51.3491,
17.1234

■ 60.8333, 56.8783,
24.7886

■ 65.2644, 63.0261,
34.6340

■ 70.3591, 69.8153,
46.8147

76.1493, 77.2674,
61.4715

82.6644, 85.4026,
78.7340

89.9321, 94.2401,
98.7224

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.



63.0750, 42.0424, 16.9011



51.1527, 42.0424, 7.6094



38.1035, 42.0424, 5.8224

Triad

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



51.1527, 42.0424, 7.6094



20.5488, 42.0424, 51.3937



55.1014, 42.0424, 128.5502

Complementary

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



51.1527, 42.0424, 7.6094



28.8037, 28.0769, 95.9960

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.



41.8759, 42.0424, 153.6016



51.1527, 42.0424, 7.6094



23.3199, 42.0424, 96.5897

Square

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



51.1527, 42.0424, 7.6094



22.0274, 42.0424, 22.1876



30.5322, 42.0424, 139.6039



65.6665, 42.0424, 82.0021

Rectangle

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



51.1527, 42.0424, 7.6094



30.8341, 42.0424, 7.4649



30.5322, 42.0424, 139.6039



50.7293, 42.0424, 140.6178

Sweetspot

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



51.1536, 42.0446, 7.6102



77.1743, 78.0382, 60.4299



46.2392, 24.4581, 29.8881



16.0624, 16.1192, 11.7711



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.



51.1536, 42.0446, 7.6102



49.0536, 36.8873, 4.5345



75.3727, 90.4828, 15.6832



17.9688, 18.6734, 18.1197



25.0270, 19.0107, 2.3504



2.4240, 1.9729, 0.2530

Inverse Universe

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



28.8037, 28.0769, 95.9960



25.5465, 22.2130, 97.5488



19.3536, 9.1767, 92.8460



16.9930, 18.0628, 21.9761



13.1064, 11.5683, 49.5157



1.3198, 1.2832, 4.6213

Previews

White Background



This preview shows how the XYZ color 51.1527, 42.0424, 7.6094 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 51.1527, 42.0424, 7.6094 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 51.1527, 42.0424, 7.6094

Background



This preview shows how black text looks on a background with the XYZ color 51.1527, 42.0424, 7.6094.



This preview shows how white text looks on a background with the XYZ color 51.1527, 42.0424,

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

51.1527, 42.0424, 7.6094

Protanopia

38.1961, 42.0960, 9.0179

Deuteranopia

42.9573, 42.0858, 7.3727



Tritanopia

55.8974, 41.8952, 33.5742

Trichromacy



Original Color

51.1527, 42.0424, 7.6094

Protanomaly

42.2672, 41.7065, 8.4072

Deuteranomaly

45.6871, 41.9188, 7.4334

Tritanomaly

53.3605, 41.5426, 19.9580

Monochromacy



Original Color

51.1527, 42.0424, 7.6094

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

39.3724, 38.5525, 23.7786

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.1527, 42.0424, 7.6094 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, 148, 42)` looks like.

```
.text, #text, p{  
    color:rgb(252, 148, 42)  
}
```

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, 148, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 148, 42) }
```

Border

The CSS property to change the border of an element to XYZ 51.1527, 42.0424, 7.6094 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, 148, 42) }
```


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

```
.border{ border-color:rgb(252, 148, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 148, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 148, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 148, 42);  
box-shadow:4px 4px 4px 4px rgb(252, 148,  
42) }
```

Background

The CSS property to change the background color of an element to XYZ 51.1527, 42.0424, 7.6094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 148, 42) }
```

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

```
.background{ background-color: rgb(252,  
148, 42) }
```

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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