

Converting Colors

XYZ(16.1931, 24.5824, 7.4411)

Have a look what the booklet for
XYZ(16.1931, 24.5824, 7.4411)
contains.

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Color

**XYZ(16.2467, 24.7267,
7.4065)**

Conversions

Conversions Part 1

Format	Color
Hex	5D9736
RGB	93, 151, 54
RGB Percent	36%, 59%, 21%
CMY	0.6353, 0.4078, 0.7882
CMYK	0.38, 0.00, 0.64, 0.41
HSL	96°, 47%, 40%
HSV	96°, 64%, 59%
XYZ	16.2467, 24.7267, 7.4065
YIQ	122.6000, -3.4310, -42.4630

Conversions

Conversions Part 2

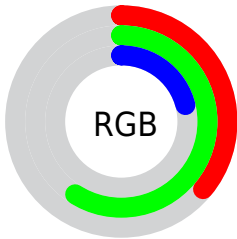
Format	Color
RYB	54, 151, 112
Decimal	6133558
CIELab	56.81, -36.34, 43.89
CIELCh	57, 56.981, 129.624
Yxy	24.7267, 0.3358, 0.5111
Android (android.graphics.Color)	4284323638 (0xFF5D9736)
YUV	122.6000, -33.8198, -25.9592
Hunter-Lab	49.7259, -28.7000, 25.9771

Details

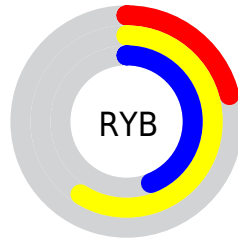
The XYZ color **16.2467, 24.7267, 7.4065** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **13.5883, 8.3182, 30.1689**, and the grayscale version is **18.8042, 19.7835, 21.5442**.

A 20% lighter version of the original color is **36.6537, 51.3656, 21.3473**, and **5.2985, 9.3550, 1.5264** is the 20% darker color. If you saturate the color by 10%, you get **15.0853, 24.1635, 5.7800**, and if you desaturate by 10%, it is **17.6274, 25.3917, 9.6191**.

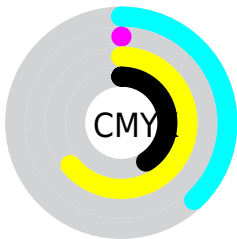
Distribution



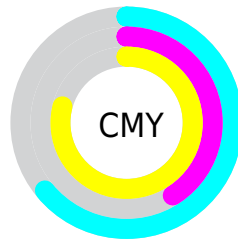
- Red (36%)
- Green (59%)
- Blue (21%)



- Red (21%)
- Yellow (59%)
- Blue (44%)



- Cyan (38%)
- Magenta (0%)
- Yellow (64%)
- Black (41%)



- Cyan (64%)
- Magenta (41%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.2467, 24.7267, 7.4065 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 16.2467, 24.7267, 7.4065 by changing the saturation by 10% instead.

■ 16.2467, 24.7267,
7.4065

■ 16.2467, 24.7267,
7.4065

■ 224.0350,
276.4741, 180.7570

■ 9.7908, 15.8736,
3.6353

■ 36.5800, 51.2135,
21.3131

■ 5.3217, 9.4347,
1.4275

■ 51.1881, 69.6160,
32.2855

■ 2.4739, 5.0258,
0.1630

■ 69.2443, 91.9703,
46.4955

■ 0.8821, 2.2624,
0.0000

■ 91.1140, 118.6609,
64.3616

■ 0.0000, 0.7537,
0.0000

■ 117.1626,
150.0722, 86.3022

■ 0.0000, 0.0000,
0.0000

■ 147.7554,

186.5886, 112.7359

183.2577,
228.5944, 144.0814

■ 16.2467, 24.7267,
7.4065

■ 16.2467, 24.7267,
7.4065

■ 15.0853, 24.1635,
5.7800

■ 17.6274, 25.3917,
9.6191

■ 14.1270, 23.6928,
4.6820

■ 19.2384, 26.1609,
12.4650

■ 13.3556, 23.3085,
4.0450

■ 21.0919, 27.0403,
15.9884

■ 12.9737, 23.1171,
3.7783

■ 23.1987, 28.0348,
20.2291

■ 25.5689, 29.1485,
25.2238

■ 28.2120, 30.3858,
31.0068

■ 31.1369, 31.7505,
37.6101

■ 34.3521, 33.2464,
45.0641

■ 37.8659, 34.8770,
53.3975

Harmonies

Analogous

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



21.4261, 24.7267, 4.5400



16.2467, 24.7267, 7.4065



13.4281, 24.7267, 16.0692

Triad

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



16.2467, 24.7267, 7.4065



19.3206, 24.7267, 77.9904



38.5175, 24.7267, 21.2472

Complementary

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



16.2467, 24.7267, 7.4065



13.5883, 8.3182, 30.1689

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.



37.6610, 24.7267, 41.8120



16.2467, 24.7267, 7.4065



25.7078, 24.7267, 81.6597

Square

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



16.2467, 24.7267, 7.4065



14.9564, 24.7267, 57.7264



32.6480, 24.7267, 66.1863



34.8056, 24.7267, 9.6571

Rectangle

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



16.2467, 24.7267, 7.4065



12.8843, 24.7267, 26.6834



32.6480, 24.7267, 66.1863



38.7682, 24.7267, 27.1644

Sweetspot

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



16.2473, 24.7278, 7.4070



43.5457, 51.1461, 40.3978



19.0684, 18.1248, 5.9839



9.6461, 11.5067, 8.6556



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



16.2473, 24.7278, 7.4070



26.2329, 42.8894, 9.3947



13.4605, 23.2673, 8.3515



6.3555, 7.0407, 6.6299



11.0672, 19.6812, 3.2156



0.2049, 0.3146, 0.0499

Inverse Universe

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



13.5883, 8.3182, 30.1689



21.0313, 11.0886, 53.4655



19.0342, 11.1990, 27.1132



6.2208, 6.1997, 7.7978



8.3961, 3.7794, 25.1947



0.1665, 0.0776, 0.3786

Previews

White Background



This preview shows how the XYZ color 16.2467, 24.7267, 7.4065 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 16.2467, 24.7267, 7.4065 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.2467, 24.7267, 7.4065

Background



This preview shows how black text looks on a background with the XYZ color 16.2467, 24.7267, 7.4065.



This preview shows how white text looks on a background with the XYZ color 16.2467, 24.7267,

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

16.2467, 24.7267, 7.4065

Protanopia

22.3288, 24.5140, 6.5724

Deuteranopia

24.8410, 24.3623, 7.8080



Tritanopia

21.4590, 24.5378, 33.7423

Trichromacy



Original Color

16.2467, 24.7267, 7.4065

Protanomaly

19.4825, 24.1141, 6.7596

Deuteranomaly

20.6939, 23.8595, 7.5177

Tritanomaly

18.9298, 24.4187, 20.5452

Monochromacy



Original Color

16.2467, 24.7267, 7.4065

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

17.2742, 21.1016, 14.7178

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2467, 24.7267, 7.4065 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(93, 151, 54)` looks like.

```
.text, #text, p{  
    color:rgb(93, 151, 54)  
}
```

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(93, 151, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 151, 54) }
```

Border

The CSS property to change the border of an element to XYZ 16.2467, 24.7267, 7.4065 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(93, 151, 54) }
```


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

```
.border{ border-color:rgb(93, 151, 54) }
```

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

Here you see how a box with a 4 pixel rgb(93, 151, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 151, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 151, 54);  
box-shadow:4px 4px 4px 4px rgb(93, 151,  
54) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2467, 24.7267, 7.4065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 151, 54) }
```

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

```
.background{ background-color: rgb(93, 151,  
54) }
```

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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