

Converting Colors

XYZ(16.1080, 24.4051, 7.3580)

Have a look what the booklet for
XYZ(16.1080, 24.4051, 7.3580)
contains.

XYZ(16.0864, 24.4062, 7.3531)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(16.0864, 24.4062,
7.3531)**

Conversions

Conversions Part 1

Format	Color
Hex	5D9636
RGB	93, 150, 54
RGB Percent	36%, 59%, 21%
CMY	0.6353, 0.4118, 0.7882
CMYK	0.38, 0.00, 0.64, 0.41
HSL	96°, 47%, 40%
HSV	96°, 64%, 59%
XYZ	16.0864, 24.4062, 7.3531
YIQ	122.0130, -3.1560, -41.9400

Conversions

Conversions Part 2

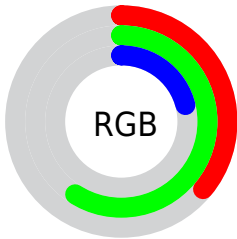
Format	Color
RYB	54, 150, 111
Decimal	6133302
CIELab	56.49, -35.89, 43.54
CIELCh	56, 56.428, 129.501
Yxy	24.4062, 0.3362, 0.5101
Android (android.graphics.Color)	4284323382 (0xFF5D9636)
YUV	122.0130, -33.5304, -25.4444
Hunter-Lab	49.4026, -28.3317, 25.7571

Details

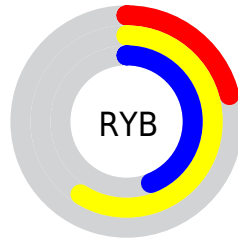
The XYZ color **16.0864, 24.4062, 7.3531** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **13.3810, 8.2207, 29.7370**, and the grayscale version is **18.6103, 19.5795, 21.3221**.

A 20% lighter version of the original color is **36.4137, 50.8856, 21.2673**, and **5.2985, 9.3550, 1.5264** is the 20% darker color. If you saturate the color by 10%, you get **14.9376, 23.8493, 5.7358**, and if you desaturate by 10%, it is **17.4501, 25.0628, 9.5487**.

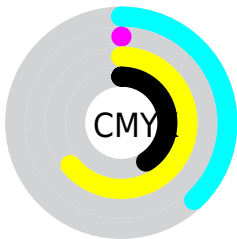
Distribution



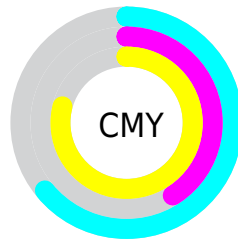
- Red (36%)
- Green (59%)
- Blue (21%)



- 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 16.0864, 24.4062, 7.3531 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 16.0864, 24.4062, 7.3531 by changing the saturation by 10% instead.


 16.0864, 24.4062,
7.3531


 16.0864, 24.4062,
7.3531


223.1114,
274.8677, 180.3070


 9.6765, 15.6352,
3.6021


 36.3044, 50.6923,
21.2050


 5.2456, 9.2664,
1.4097


 50.8432, 68.9761,
32.1429


 2.4283, 4.9153,
0.1493

 68.8224, 91.1997,
46.3136

 0.8593, 2.1977,
0.0000

 90.6073, 117.7474,
64.1356

 0.0000, 0.7187,
0.0000

 116.5633,
149.0037, 86.0274

 0.0000, 0.0000,
0.0000

 147.0558,

185.3529, 112.4075

182.4500,
227.1795, 143.6945

■ 16.0864, 24.4062,
7.3531

■ 16.0864, 24.4062,
7.3531

■ 14.9376, 23.8493,
5.7358

■ 17.4501, 25.0628,
9.5487

■ 13.9880, 23.3831,
4.6404

■ 19.0394, 25.8213,
12.3689

■ 13.2218, 23.0014,
4.0014

■ 20.8663, 26.6878,
15.8569

■ 12.8272, 22.8037,
3.7255

■ 22.9412, 27.6668,
20.0521

■ 25.2741, 28.7625,
24.9902

■ 27.8741, 29.9791,
30.7051

■ 30.7500, 31.3203,
37.2281

■ 33.9101, 32.7897,
44.5892

■ 37.3624, 34.3909,
52.8166

Harmonies

Analogous

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



21.1842, 24.4062, 4.5360



16.0864, 24.4062, 7.3531



13.3045, 24.4062, 15.8574

Triad

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



16.0864, 24.4062, 7.3531



19.0687, 24.4062, 76.5544



37.9314, 24.4062, 21.0651

Complementary

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



16.0864, 24.4062, 7.3531



13.3810, 8.2207, 29.7370

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.



37.0727, 24.4062, 41.2767



16.0864, 24.4062, 7.3531



25.3342, 24.4062, 80.2266

Square

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



16.0864, 24.4062, 7.3531



14.7885, 24.4062, 56.6728



32.1449, 24.4062, 65.1455



34.3088, 24.4062, 9.6251

Rectangle

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



16.0864, 24.4062, 7.3531



12.7630, 24.4062, 26.2617



32.1449, 24.4062, 65.1455



38.1705, 24.4062, 26.8892

Sweetspot

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



16.0870, 24.4073, 7.3536



42.3304, 49.6915, 39.2488



18.8205, 17.9033, 5.9542



9.1486, 10.9031, 8.2097



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



16.0870, 24.4073, 7.3536



25.5610, 41.6957, 9.1407



13.2980, 22.9459, 8.2860



5.9393, 6.5766, 6.1968



10.6728, 18.9299, 3.0913



0.1626, 0.2482, 0.0393

Inverse Universe

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



13.3810, 8.2207, 29.7370



20.3391, 10.7319, 51.9207



18.7803, 11.0761, 26.7405



5.8097, 5.7929, 7.2817



8.0250, 3.6096, 24.2048



0.1317, 0.0614, 0.2978

Previews

White Background



This preview shows how the XYZ color 16.0864, 24.4062, 7.3531 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 16.0864, 24.4062, 7.3531 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 16.0864, 24.4062, 7.3531

Background



This preview shows how black text looks on a background with the XYZ color 16.0864, 24.4062, 7.3531.



This preview shows how white text looks on a background with the XYZ color 16.0864, 24.4062,

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

16.0864, 24.4062, 7.3531

Protanopia

22.0022, 24.1375, 6.5170

Deuteranopia

24.4978, 23.9908, 7.7544



Tritanopia

21.2299, 24.2113, 33.2601

Trichromacy



Original Color

16.0864, 24.4062, 7.3531

Protanomaly

19.1815, 23.7410, 6.7035

Deuteranomaly

20.3831, 23.4893, 7.4626

Tritanomaly

18.7192, 24.0910, 20.1864

Monochromacy



Original Color

16.0864, 24.4062, 7.3531

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

16.9645, 20.7451, 14.4193

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.0864, 24.4062, 7.3531 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, 150, 54)` looks like.

```
.text, #text, p{  
    color:rgb(93, 150, 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, 150, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 150, 54) }
```

Border

The CSS property to change the border of an element to XYZ 16.0864, 24.4062, 7.3531 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, 150, 54) }
```


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

```
.border{ border-color:rgb(93, 150, 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, 150, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 150, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 150, 54);  
box-shadow:4px 4px 4px 4px rgb(93, 150,  
54) }
```

Background

The CSS property to change the background color of an element to XYZ 16.0864, 24.4062, 7.3531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 150, 54) }
```

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

```
.background{ background-color: rgb(93, 150,  
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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