

Converting Colors

XYZ(15.1339, 18.2240, 3.9720)

Have a look what the booklet for
XYZ(15.1339, 18.2240, 3.9720)
contains.

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Color

**XYZ(15.2025, 18.3246,
3.9640)**

Conversions

Conversions Part 1

Format	Color
Hex	797B1E
RGB	121, 123, 30
RGB Percent	47%, 48%, 12%
CMY	0.5255, 0.5176, 0.8823
CMYK	0.02, 0.00, 0.76, 0.52
HSL	61°, 61%, 30%
HSV	61°, 76%, 48%
XYZ	15.2025, 18.3246, 3.9640
YIQ	111.8000, 28.6610, -29.3470

Conversions

Conversions Part 2

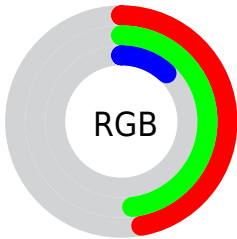
Format	Color
RYB	30, 123, 32
Decimal	7961374
CIELab	49.89, -12.59, 47.31
CIELCh	50, 48.959, 104.896
Yxy	18.3246, 0.4055, 0.4888
Android (android.graphics.Color)	4286151454 (0xFF797B1E)
YUV	111.8000, -40.3274, 8.0684
Hunter-Lab	42.8072, -11.5205, 24.4747

Details

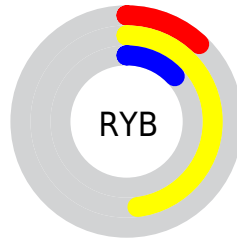
The XYZ color **15.2025, 18.3246, 3.9640** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **4.6356, 2.6660, 19.0103**, and the grayscale version is **15.4515, 16.2562, 17.7030**.

A 20% lighter version of the original color is **34.7575, 40.4992, 13.9679**, and **4.9703, 6.2974, 0.9535** is the 20% darker color. If you saturate the color by 10%, you get **15.0382, 18.2553, 3.2906**, and if you desaturate by 10%, it is **15.4291, 18.4202, 4.9613**.

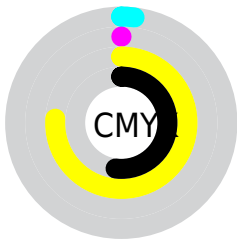
Distribution



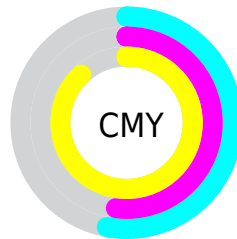
- Red (47%)
- Green (48%)
- Blue (12%)



- Red (12%)
- Yellow (48%)
- Blue (13%)



- Cyan (2%)
- Magenta (0%)
- Yellow (76%)
- Black (52%)



- Cyan (53%)
- Magenta (52%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2025, 18.3246, 3.9640 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 15.2025, 18.3246, 3.9640 by changing the saturation by 10% instead.

■ 15.2025, 18.3246,
3.9640

■ 15.2025, 18.3246,
3.9640

217.9528,
242.6943, 147.8244

■ 9.0489, 11.1833,
1.6056

■ 34.7768, 40.5897,
13.9266

■ 4.8304, 6.1903,
0.2948

■ 48.9281, 56.4822,
22.3680

■ 2.1818, 2.9611,
0.0000

■ 66.4761, 76.0606,
33.6741

■ 0.7331, 1.1115,
0.0000

■ 87.7861, 99.7093,
48.2634

■ 0.0000, 0.0000,
0.0000

■ 113.2234,
127.8126, 66.5546

■ 143.1534,

160.7549, 88.9661

177.9414,
198.9207, 115.9165

15.2025, 18.3246,
3.9640

15.2025, 18.3246,
3.9640

15.0382, 18.2553,
3.2906

15.4291, 18.4202,
4.9613

14.9241, 18.2054,
2.8825

15.7231, 18.5421,
6.3151

14.8783, 18.1852,
2.7259

16.0906, 18.6935,
8.0552

16.5366, 18.8762,
10.2081

17.0657, 19.0921,
12.7977

■ 17.6820, 19.3430,
15.8464

■ 18.3895, 19.6304,
19.3749

■ 19.1919, 19.9557,
23.4026

■ 20.0927, 20.3205,
27.9480

Harmonies

Analogous

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



19.8711, 18.3246, 3.9722



15.2025, 18.3246, 3.9640



11.8014, 18.3246, 6.6895

Triad

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



15.2025, 18.3246, 3.9640



11.7837, 18.3246, 44.2611



27.6411, 18.3246, 27.4573

Complementary

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



15.2025, 18.3246, 3.9640



4.6356, 2.6660, 19.0103

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.



24.5797, 18.3246, 44.3734



15.2025, 18.3246, 3.9640



15.1738, 18.3246, 56.6586

Square

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



15.2025, 18.3246, 3.9640



10.0818, 18.3246, 27.3459



19.8367, 18.3246, 56.7071



27.6526, 18.3246, 14.0283

Rectangle

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



15.2025, 18.3246, 3.9640



10.4673, 18.3246, 10.8870



19.8367, 18.3246, 56.7071



26.9133, 18.3246, 33.0201

Sweetspot

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



15.2029, 18.3255, 3.9644



30.7710, 34.2738, 23.9633



8.9078, 5.3141, 1.7847



7.1728, 8.0417, 5.2782



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



15.2029, 18.3255, 3.9644



26.7688, 32.6191, 5.3172



10.2157, 15.7545, 3.7310



4.2996, 4.6297, 4.2915



15.3900, 18.8110, 2.8198



73.3140, 89.6802, 13.4459

Inverse Universe

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



4.6356, 2.6660, 19.0103



6.8076, 3.0123, 33.7792



7.1859, 3.9808, 19.1296



3.8049, 3.8973, 4.9949



3.7322, 1.4968, 19.4775



17.7102, 7.0919, 92.9052

Previews

White Background



This preview shows how the XYZ color 15.2025, 18.3246, 3.9640 looks on a white 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

Black Background



This preview shows how the XYZ color 15.2025, 18.3246, 3.9640 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 15.2025, 18.3246, 3.9640

Background



This preview shows how black text looks on a background with the XYZ color 15.2025, 18.3246, 3.9640.



This preview shows how white text looks on a background with the XYZ color 15.2025, 18.3246,

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

15.2025, 18.3246, 3.9640

Protanopia

16.4915, 18.2689, 3.8195

Deuteranopia

18.6029, 18.3212, 4.1460



Tritanopia

18.8221, 18.3838, 21.6252

Trichromacy



Original Color

15.2025, 18.3246, 3.9640

Protanomaly

15.9915, 18.1888, 3.8303

Deuteranomaly

17.2833, 18.3214, 4.0643

Tritanomaly

16.9281, 18.1307, 12.2802

Monochromacy



Original Color

15.2025, 18.3246, 3.9640

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

14.8386, 16.7448, 10.4326

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2025, 18.3246, 3.9640 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(121, 123, 30)` looks like.

```
.text, #text, p{  
    color:rgb(121, 123, 30)  
}
```

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(121, 123, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 123, 30) }
```

Border

The CSS property to change the border of an element to XYZ 15.2025, 18.3246, 3.9640 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(121, 123, 30) }
```


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

```
.border{ border-color:rgb(121, 123, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 123, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 123, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 123, 30);  
box-shadow:4px 4px 4px 4px rgb(121, 123,  
30) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2025, 18.3246, 3.9640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 123, 30) }
```

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

```
.background{ background-color: rgb(121,  
123, 30) }
```

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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