

Converting Colors

XYZ(14.2136, 15.4310, 3.2775)

Have a look what the booklet for
XYZ(14.2136, 15.4310, 3.2775)
contains.

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Color

**XYZ(14.2707, 15.4520,
3.2673)**

Conversions

Conversions Part 1

Format	Color
Hex	7E6D1B
RGB	126, 109, 27
RGB Percent	49%, 43%, 11%
CMY	0.5059, 0.5725, 0.8941
CMYK	0.00, 0.13, 0.79, 0.51
HSL	50°, 65%, 30%
HSV	50°, 79%, 49%
XYZ	14.2707, 15.4520, 3.2673
YIQ	104.7350, 36.4540, -21.8980

Conversions

Conversions Part 2

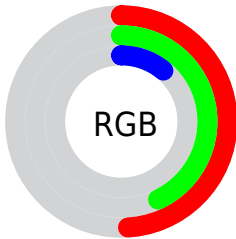
Format	Color
R_{YB}	48, 126, 27
Decimal	8285467
CIE _{Lab}	46.25, -2.56, 45.17
CIE _{LCh}	46, 45.245, 93.240
Yxy	15.4520, 0.4326, 0.4684
Android (android.graphics.Color)	4286475547 (0xFF7E6D1B)
YUV	104.7350, -38.3234, 18.6494
Hunter-Lab	39.3090, -3.9884, 22.5882

Details

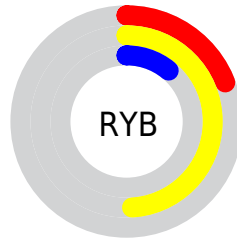
The XYZ color **14.2707, 15.4520, 3.2673** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **5.1187, 3.5408, 20.1524**, and the grayscale version is **13.4494, 14.1498, 15.4091**.

A 20% lighter version of the original color is **33.2374, 35.6368, 12.3345**, and **4.5467, 4.9011, 0.7064** is the 20% darker color. If you saturate the color by 10%, you get **13.9273, 14.9505, 2.5816**, and if you desaturate by 10%, it is **14.6831, 15.9914, 4.2850**.

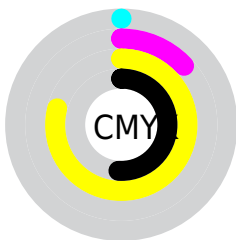
Distribution



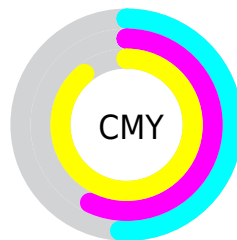
- Red (49%)
- Green (43%)
- Blue (11%)



- Red (19%)
- Yellow (49%)
- Blue (11%)



- Cyan (0%)
- Magenta (13%)
- Yellow (79%)
- Black (51%)



- Cyan (51%)
- Magenta (57%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2707, 15.4520, 3.2673 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 14.2707, 15.4520, 3.2673 by changing the saturation by 10% instead.

■ 14.2707, 15.4520,
3.2673

■ 14.2707, 15.4520,
3.2673

■ 212.3855,
226.0860, 139.6955

■ 8.3921, 9.1372,
1.2327

■ 33.1508, 35.6442,
12.2812

■ 4.4008, 4.8308,
0.0057

■ 46.8831, 50.2904,
20.0975

■ 1.9313, 2.1483,
0.0000

■ 63.9641, 68.4825,
30.6782

■ 0.5949, 0.6916,
0.0000

■ 84.7590, 90.6050,
44.4418

■ 0.0000, 0.0000,
0.0000

■ 109.6332,
117.0422, 61.8067

■ 138.9521,

148.1785, 83.1917

173.0811,
184.3983, 109.0151

14.2707, 15.4520,
3.2673

14.2707, 15.4520,
3.2673

13.9273, 14.9505,
2.5816

14.6831, 15.9914,
4.2850

13.6328, 14.4770,
2.1276

15.1706, 16.5694,
5.6715

13.5915, 14.4103,
2.0651

15.7398, 17.1893,
7.4595

16.3961, 17.8533,
9.6779

17.1446, 18.5635,
12.3531

■ 17.9900, 19.3219,
15.5091

■ 18.9364, 20.1301,
19.1685

■ 19.9881, 20.9900,
23.3522

■ 21.1486, 21.9030,
28.0802

Harmonies

Analogous

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



18.2924, 15.4520, 4.0794



14.2707, 15.4520, 3.2673



10.9788, 15.4520, 4.5652

Triad

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



14.2707, 15.4520, 3.2673



9.3077, 15.4520, 31.3916



22.3699, 15.4520, 28.3391

Complementary

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



14.2707, 15.4520, 3.2673



5.1187, 3.5408, 20.1524

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.



19.1475, 15.4520, 41.6347



14.2707, 15.4520, 3.2673



11.5889, 15.4520, 43.8741

Square

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



14.2707, 15.4520, 3.2673



8.4474, 15.4520, 18.0562



15.1106, 15.4520, 48.2661



23.4237, 15.4520, 15.6503

Rectangle

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



14.2707, 15.4520, 3.2673



9.5021, 15.4520, 7.0328



15.1106, 15.4520, 48.2661



21.4796, 15.4520, 33.0423

Sweetspot

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



14.2711, 15.4527, 3.2676



30.7537, 33.2004, 23.8668



9.4728, 5.4103, 3.0431



6.8987, 7.4640, 5.0716



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.



14.2711, 15.4527, 3.2676



24.1248, 25.6810, 3.9666



12.3419, 17.4151, 3.7481



4.6045, 4.8978, 4.6228



13.9409, 14.7782, 2.1177



0.0000, 0.0000, 0.0000

Inverse Universe

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



5.1187, 3.5408, 20.1524



7.3862, 3.9844, 35.1241



5.9234, 3.2005, 20.0443



4.1640, 4.3219, 5.4280



4.1483, 2.1150, 20.4396



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.2707, 15.4520, 3.2673 looks on a white background.

Color Contrast Check

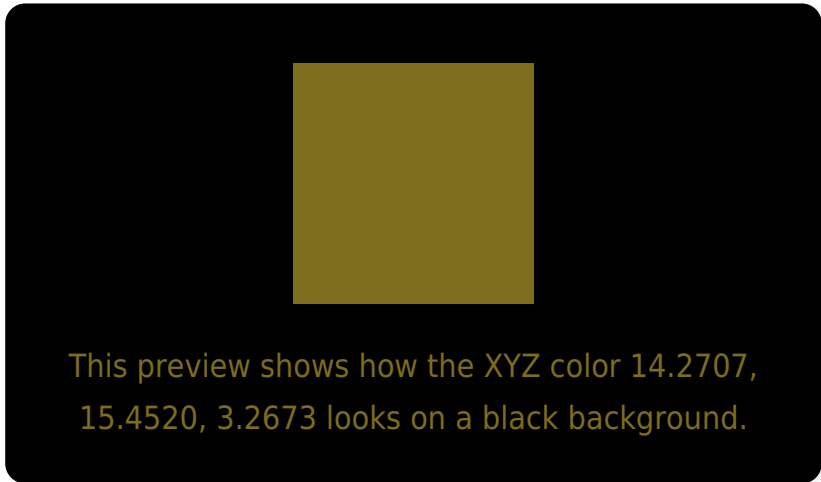
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

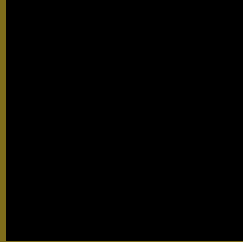
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.2707, 15.4520, 3.2673

Background



This preview shows how black text looks on a background with the XYZ color 14.2707, 15.4520, 3.2673.



This preview shows how white text looks on a background with the XYZ color 14.2707, 15.4520,

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

14.2707, 15.4520, 3.2673

Protanopia

13.9421, 15.4419, 3.2827

Deuteranopia

15.6533, 15.3926, 3.3084



Tritanopia

17.0274, 15.5124, 16.5647

Trichromacy



Original Color

14.2707, 15.4520, 3.2673

Protanomaly

14.0859, 15.5161, 3.2894

Deuteranomaly

15.1952, 15.4602, 3.2819

Tritanomaly

15.6688, 15.4135, 9.5464

Monochromacy



Original Color

14.2707, 15.4520, 3.2673

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.3036, 14.3546, 9.0907

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2707, 15.4520, 3.2673 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(126, 109, 27)` looks like.

```
.text, #text, p{  
    color:rgb(126, 109, 27)  
}
```

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(126, 109, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 109, 27) }
```

Border

The CSS property to change the border of an element to XYZ 14.2707, 15.4520, 3.2673 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(126, 109, 27) }
```


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

```
.border{ border-color:rgb(126, 109, 27) }
```

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

Here you see how a box with a 4 pixel rgb(126, 109, 27) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 109, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 109, 27);  
box-shadow:4px 4px 4px 4px rgb(126, 109,  
27) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2707, 15.4520, 3.2673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 109, 27) }
```

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

```
.background{ background-color: rgb(126,  
109, 27) }
```

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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