

Converting Colors

XYZ(14.6608, 16.2651, 2.9899)

Have a look what the booklet for
XYZ(14.6608, 16.2651, 2.9899)
contains.

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Color

**XYZ(14.6269, 16.2929,
2.9900)**

Conversions

Conversions Part 1

Format	Color
Hex	7E7113
RGB	126, 113, 19
RGB Percent	49%, 44%, 7%
CMY	0.5059, 0.5568, 0.9255
CMYK	0.00, 0.10, 0.85, 0.51
HSL	53°, 74%, 28%
HSV	53°, 85%, 49%
XYZ	14.6269, 16.2929, 2.9900
YIQ	106.1710, 37.9220, -26.4780

Conversions

Conversions Part 2

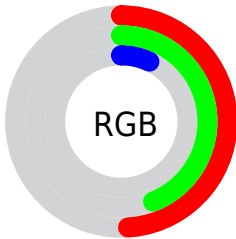
Format	Color
R_{YB}	34, 126, 19
Decimal	8286483
CIE _{Lab}	47.36, -5.15, 48.90
CIE _{LCh}	47, 49.166, 96.008
Yxy	16.2929, 0.4313, 0.4805
Android (android.graphics.Color)	4286476563 (0xFF7E7113)
YUV	106.1710, -42.9753, 17.3900
Hunter-Lab	40.3645, -5.9546, 23.8632

Details

The XYZ color **14.6269, 16.2929, 2.9900** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **4.5511, 2.6779, 20.0157**, and the grayscale version is **13.8540, 14.5755, 15.8727**.

A 20% lighter version of the original color is **33.7695, 36.9770, 11.6608**, and **4.7723, 5.3523, 0.7816** is the 20% darker color. If you saturate the color by 10%, you get **14.3755, 15.9220, 2.4995**, and if you desaturate by 10%, it is **14.9373, 16.6932, 3.7733**.

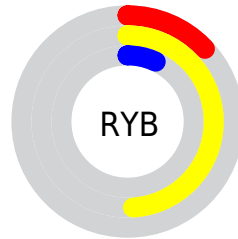
Distribution



Red (49%)

Green (44%)

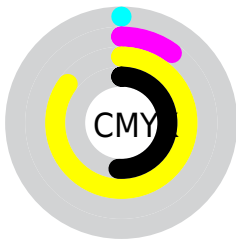
Blue (7%)



Red (13%)

Yellow (49%)

Blue (7%)

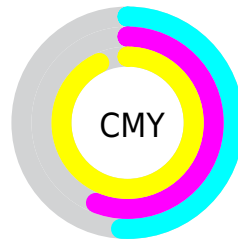


Cyan (0%)

Magenta (10%)

Yellow (85%)

Black (51%)



Cyan (51%)

Magenta (56%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6269, 16.2929, 2.9900 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 14.6269, 16.2929, 2.9900 by changing the saturation by 10% instead.

■ 14.6269, 16.2929,
2.9900

■ 14.6269, 16.2929,
2.9900

214.5302,
231.0639, 136.2332

■ 8.6426, 9.7317,
1.0895

■ 33.7744, 37.1059,
11.6038

■ 4.5640, 5.2214,
0.0000

■ 47.6682, 52.1265,
19.1541

■ 2.0259, 2.3777,
0.0000

■ 64.9293, 70.7357,
29.4249

■ 0.6484, 0.8144,
0.0000


■ 85.9229, 93.3178,
42.8345


■ 0.0000, 0.0000,
0.0000


■ 111.0144,
120.2573, 59.8016


■ 140.5692,


151.9386, 80.7448


 174.9527,
188.7460, 106.0824


 14.6269, 16.2929,
2.9900


 14.6269, 16.2929,
2.9900


 14.3755, 15.9220,
2.4995


 14.9373, 16.6932,
3.7733

 14.2554, 15.7381,
2.2864

 15.3155, 17.1246,
4.9012

 15.7686, 17.5907,
6.4096

 16.3027, 18.0938,
8.3294

 16.9229, 18.6361,
10.6886

■ 17.6342, 19.2195,
13.5126

■ 18.4410, 19.8459,
16.8249

■ 19.3474, 20.5169,
20.6474

■ 20.3574, 21.2341,
25.0006

Harmonies

Analogous

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



19.1419, 16.2929, 3.6212



14.6269, 16.2929, 2.9900



11.0708, 16.2929, 4.5617

Triad

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



14.6269, 16.2929, 2.9900



9.6574, 16.2929, 35.8777



24.4532, 16.2929, 29.3716

Complementary

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



14.6269, 16.2929, 2.9900



4.5511, 2.6779, 20.0157

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.



20.9419, 16.2929, 45.0292



14.6269, 16.2929, 2.9900



12.3278, 16.2929, 49.8572

Square

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



14.6269, 16.2929, 2.9900



8.5682, 16.2929, 20.3672



16.3779, 16.2929, 53.8174



25.3823, 16.2929, 15.3494

Rectangle

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



14.6269, 16.2929, 2.9900



9.5348, 16.2929, 7.4352



16.3779, 16.2929, 53.8174



23.5074, 16.2929, 34.7852

Sweetspot

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



14.6273, 16.2937, 2.9903



30.9515, 33.7598, 23.4275



9.1154, 5.0128, 1.9459



6.9556, 7.6108, 4.9890



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.



14.6273, 16.2937, 2.9903



25.0243, 27.5658, 4.0018



11.4873, 16.9838, 3.2890



4.6222, 4.9331, 4.6287



14.6227, 16.1417, 2.3450



0.0000, 0.0000, 0.0000

Inverse Universe

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



4.5511, 2.6779, 20.0157



6.8759, 3.1456, 34.9891



5.7575, 2.8789, 19.9909



4.1477, 4.2894, 5.4226



4.0412, 1.9009, 20.4039



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.6269, 16.2929, 2.9900 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 14.6269, 16.2929, 2.9900 looks on a 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 14.6269, 16.2929, 2.9900

Background



This preview shows how black text looks on a background with the XYZ color 14.6269, 16.2929, 2.9900.



This preview shows how white text looks on a background with the XYZ color 14.6269, 16.2929,

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

14.6269, 16.2929, 2.9900

Protanopia

14.7751, 16.3693, 2.9970

Deuteranopia

16.5677, 16.3280, 3.0890



Tritanopia

17.7051, 16.2820, 17.8324

Trichromacy



Original Color

14.6269, 16.2929, 2.9900

Protanomaly

14.7751, 16.3693, 2.9970

Deuteranomaly

15.7668, 16.2294, 3.0607

Tritanomaly

15.9798, 16.0355, 9.6501

Monochromacy



Original Color

14.6269, 16.2929, 2.9900

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

13.5147, 14.9424, 8.6504

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6269, 16.2929, 2.9900 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, 113, 19)` looks like.

```
.text, #text, p{  
    color:rgb(126, 113, 19)  
}
```

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, 113, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 113, 19) }
```

Border

The CSS property to change the border of an element to XYZ 14.6269, 16.2929, 2.9900 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, 113, 19) }
```


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

```
.border{ border-color:rgb(126, 113, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 113, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 113, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 113, 19);  
box-shadow:4px 4px 4px 4px rgb(126, 113,  
19) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6269, 16.2929, 2.9900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 113, 19) }
```

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

```
.background{ background-color: rgb(126,  
113, 19) }
```

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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