

Converting Colors

XYZ(14.5392, 16.2517, 9.4943)

Have a look what the booklet for
XYZ(14.5392, 16.2517, 9.4943)
contains.

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Color

**XYZ(14.5949, 16.2977,
9.5843)**

Conversions

Conversions Part 1

Format	Color
Hex	74724E
RGB	116, 114, 78
RGB Percent	45%, 45%, 31%
CMY	0.5451, 0.5529, 0.6941
CMYK	0.00, 0.02, 0.33, 0.55
HSL	57°, 20%, 38%
HSV	57°, 33%, 45%
XYZ	14.5949, 16.2977, 9.5843
YIQ	110.4940, 12.7480, -10.7720

Conversions

Conversions Part 2

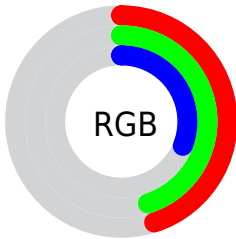
Format	Color
RYB	80, 116, 78
Decimal	7631438
CIELab	47.36, -5.37, 20.28
CIELCh	47, 20.977, 104.827
Yxy	16.2977, 0.3606, 0.4026
Android (android.graphics.Color)	4285821518 (0xFF74724E)
YUV	110.4940, -16.0195, 4.8288
Hunter-Lab	40.3704, -6.1161, 14.1833

Details

The XYZ color **14.5949, 16.2977, 9.5843** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **9.1629, 8.6177, 17.7034**, and the grayscale version is **15.0056, 15.7871, 17.1921**.

A 20% lighter version of the original color is **33.8292, 37.2398, 25.4837**, and **4.5375, 5.1995, 2.2033** is the 20% darker color. If you saturate the color by 10%, you get **14.1468, 16.0094, 7.5610**, and if you desaturate by 10%, it is **15.1176, 16.6177, 11.9949**.

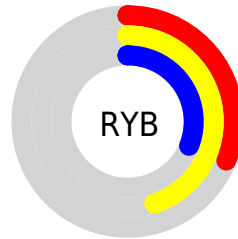
Distribution



Red (45%)

Green (45%)

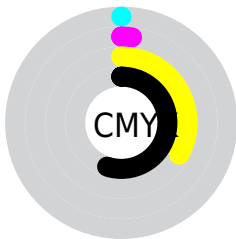
Blue (31%)



Red (31%)

Yellow (45%)

Blue (31%)

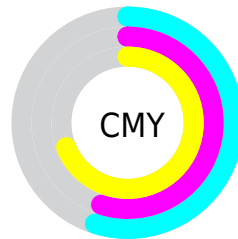


Cyan (0%)

Magenta (2%)

Yellow (33%)

Black (55%)



Cyan (55%)

Magenta (55%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5949, 16.2977, 9.5843 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 14.5949, 16.2977, 9.5843 by changing the saturation by 10% instead.

■ 14.5949, 16.2977,
9.5843

■ 14.5949, 16.2977,
9.5843

214.3383,
231.0920, 198.0547

■ 8.6200, 9.7351,
5.0222

■ 33.7185, 37.1143,
25.6061

■ 4.5493, 5.2236,
2.2013

■ 47.5979, 52.1370,
37.9029

■ 2.0173, 2.3791,
0.6751

■ 64.8428, 70.7485,
53.6151

■ 0.6437, 0.8151,
0.0000

■ 85.8187, 93.3332,
73.1611

■ 0.0000, 0.0000,
0.0000

■ 110.8908,
120.2755, 96.9595

140.4245,

151.9598, 125.4289

174.7853,
188.7705, 158.9877

■ 14.5949, 16.2977,
9.5843

■ 14.5949, 16.2977,
9.5843

■ 14.1468, 16.0094,
7.5610

■ 15.1176, 16.6177,
11.9949

■ 13.7684, 15.7491,
5.9037

■ 15.7174, 16.9687,
14.8106

■ 13.4557, 15.5158,
4.5906

■ 16.3979, 17.3528,
18.0494

■ 13.2041, 15.3078,
3.5970

■ 17.1623, 17.7712,
21.7277

■ 13.0083, 15.1227,
2.8953

■ 18.0137, 18.2250,
25.8614

■ 12.8618, 14.9582,
2.4506

■ 18.9547, 18.7155,
30.4652

■ 12.7681, 14.8443,
2.1923

■ 19.9882, 19.2437,
35.5534

■ 21.1166, 19.8106,
41.1397

■ 22.3426, 20.4173,
47.2370

Harmonies

Analogous

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



16.4436, 16.2977, 9.5949



14.5949, 16.2977, 9.5843



13.1080, 16.2977, 11.4379

Triad

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



14.5949, 16.2977, 9.5843



13.0944, 16.2977, 25.9714



19.1971, 16.2977, 20.5577

Complementary

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



14.5949, 16.2977, 9.5843



9.1629, 8.6177, 17.7034

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.



18.1455, 16.2977, 26.0277



14.5949, 16.2977, 9.5843



14.5749, 16.2977, 29.5528

Square

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



14.5949, 16.2977, 9.5843



12.2898, 16.2977, 20.4920



16.4220, 16.2977, 29.5752



19.2035, 16.2977, 15.2559

Rectangle

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



14.5949, 16.2977, 9.5843



12.4795, 16.2977, 13.7428



16.4220, 16.2977, 29.5752



18.9506, 16.2977, 22.4583

Sweetspot

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



14.5953, 16.2984, 9.5846



27.9145, 29.9917, 27.3892



11.3947, 9.7491, 8.9746



6.6288, 7.1375, 6.3890



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



14.5953, 16.2984, 9.5846



25.0735, 28.2774, 14.2102



12.8247, 15.7236, 9.5670



3.9510, 4.2349, 3.9515



14.3246, 16.6504, 2.4589



69.6061, 80.7406, 11.9159

Inverse Universe

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



9.1629, 8.6177, 17.7034



14.0119, 12.6390, 30.7456



10.5410, 9.1144, 17.7266



3.5146, 3.6179, 4.6033



3.6075, 1.5547, 18.6525



17.3852, 7.1870, 90.8312

Previews

White Background



This preview shows how the XYZ color 14.5949, 16.2977, 9.5843 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 14.5949, 16.2977, 9.5843 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

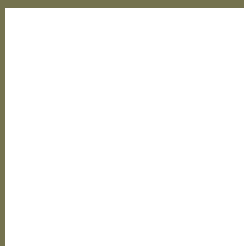
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.5949, 16.2977, 9.5843

Background



This preview shows how black text looks on a background with the XYZ color 14.5949, 16.2977, 9.5843.



This preview shows how white text looks on a background with the XYZ color 14.5949, 16.2977,

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

14.5949, 16.2977, 9.5843

Protanopia

15.0189, 16.1891, 9.3544

Deuteranopia

16.6054, 16.3580, 9.6793



Tritanopia

16.6238, 16.3102, 19.4116

Trichromacy



Original Color

14.5949, 16.2977, 9.5843

Protanomaly

14.8524, 16.2680, 9.3784

Deuteranomaly

15.7396, 16.2284, 9.7000

Tritanomaly

15.7404, 16.2701, 15.1428

Monochromacy



Original Color

14.5949, 16.2977, 9.5843

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.5711, 15.6955, 13.8168

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5949, 16.2977, 9.5843 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(116, 114, 78)` looks like.

```
.text, #text, p{  
    color:rgb(116, 114, 78)  
}
```

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(116, 114, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 114, 78) }
```

Border

The CSS property to change the border of an element to XYZ 14.5949, 16.2977, 9.5843 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(116, 114, 78) }
```


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

```
.border{ border-color:rgb(116, 114, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 114, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 114, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 114, 78);  
box-shadow:4px 4px 4px 4px rgb(116, 114,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5949, 16.2977, 9.5843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 114, 78) }
```

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

```
.background{ background-color: rgb(116,  
114, 78) }
```

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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