

Converting Colors

XYZ(14.5299, 16.1273, 7.4669)

Have a look what the booklet for
XYZ(14.5299, 16.1273, 7.4669)
contains.

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Color

**XYZ(14.4962, 16.1255,
7.5028)**

Conversions

Conversions Part 1

Format	Color
Hex	777142
RGB	119, 113, 66
RGB Percent	47%, 44%, 26%
CMY	0.5333, 0.5569, 0.7412
CMYK	0.00, 0.05, 0.45, 0.53
HSL	53°, 29%, 36%
HSV	53°, 45%, 47%
XYZ	14.4962, 16.1255, 7.5028
YIQ	109.4360, 18.6630, -13.3450

Conversions

Conversions Part 2

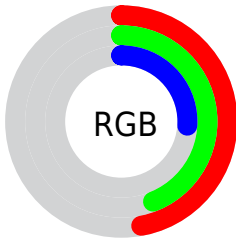
Format	Color
R_{YB}	73, 119, 66
Decimal	7827778
CIE Lab	47.14, -5.01, 26.87
CIE LCh	47, 27.328, 100.559
Yxy	16.1255, 0.3802, 0.4230
Android (android.graphics.Color)	4286017858 (0xFF777142)
YUV	109.4360, -21.4139, 8.3876
Hunter-Lab	40.1566, -5.8369, 17.0319

Details

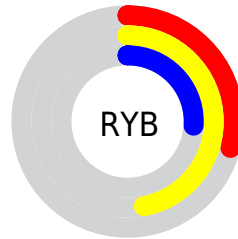
The XYZ color **14.4962, 16.1255, 7.5028** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **7.8939, 7.1247, 18.4118**, and the grayscale version is **14.7155, 15.4818, 16.8597**.

A 20% lighter version of the original color is **33.5629, 36.9187, 21.5767**, and **4.4799, 5.0999, 1.4577** is the 20% darker color. If you saturate the color by 10%, you get **14.0323, 15.7019, 5.7938**, and if you desaturate by 10%, it is **15.0361, 16.5842, 9.5978**.

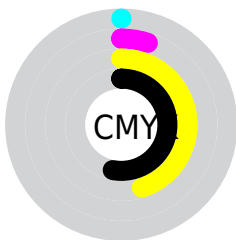
Distribution



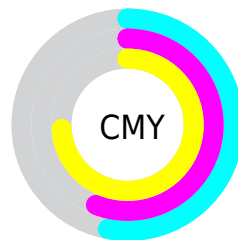
- Red (47%)
- Green (44%)
- Blue (26%)



- Red (29%)
- Yellow (47%)
- Blue (26%)



- Cyan (0%)
- Magenta (5%)
- Yellow (45%)
- Black (53%)



- Cyan (53%)
- Magenta (56%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4962, 16.1255, 7.5028 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 14.4962, 16.1255, 7.5028 by changing the saturation by 10% instead.

■ 14.4962, 16.1255,
7.5028

■ 14.4962, 16.1255,
7.5028

213.7456,
230.0811, 181.5650

■ 8.5506, 9.6130,
3.6953

■ 33.5459, 36.8159,
21.5076

■ 4.5040, 5.1431,
1.4597

■ 47.3806, 51.7627,
32.5421

■ 1.9910, 2.3315,
0.1877

■ 64.5758, 70.2896,
46.8226

■ 0.6289, 0.7903,
0.0000

■ 85.4968, 92.7811,
64.7677

■ 0.0000, 0.0000,
0.0000

■ 110.5089,
119.6217, 86.7959

■ 139.9775,

151.1956, 113.3259

174.2680,
187.8873, 144.7761

■ 14.4962, 16.1255,
7.5028

■ 14.4962, 16.1255,
7.5028

■ 14.0323, 15.7019,
5.7938

■ 15.0361, 16.5842,
9.5978

■ 13.6387, 15.3095,
4.4457

■ 15.6551, 17.0775,
12.0998

■ 13.3107, 14.9468,
3.4321

■ 16.3574, 17.6078,
15.0294

■ 13.0425, 14.6115,
2.7225

■ 17.1466, 18.1764,
18.4056

■ 12.8253, 14.3002,
2.2710

■ 18.0262, 18.7848,
22.2462

■ 12.7140, 14.1345,
2.0581

■ 18.9992, 19.4342,
26.5680

■ 20.0688, 20.1259,
31.3870

■ 21.2379, 20.8611,
36.7186

■ 22.5093, 21.6408,
42.5773

Harmonies

Analogous

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



16.9155, 16.1255, 7.8075



14.4962, 16.1255, 7.5028



12.5163, 16.1255, 9.3060

Triad

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



14.4962, 16.1255, 7.5028



12.0798, 16.1255, 27.6359



20.1060, 16.1255, 22.3371

Complementary

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



14.4962, 16.1255, 7.5028



7.8939, 7.1247, 18.4118

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.



18.5293, 16.1255, 29.6420



14.4962, 16.1255, 7.5028



13.8408, 16.1255, 33.2119

Square

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



14.4962, 16.1255, 7.5028



11.2211, 16.1255, 20.0942



16.1885, 16.1255, 34.0292



20.3286, 16.1255, 15.2446

Rectangle

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



14.4962, 16.1255, 7.5028



11.6473, 16.1255, 11.8274



16.1885, 16.1255, 34.0292



19.7096, 16.1255, 24.8925

Sweetspot

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



14.4966, 16.1262, 7.5031



29.4539, 31.6500, 27.5998



10.7317, 8.2888, 7.1968



6.9213, 7.4573, 6.2912



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



14.4966, 16.1262, 7.5031



25.1427, 28.1319, 10.4270



12.6913, 16.2218, 7.6167



3.9330, 4.1990, 3.9455



13.5037, 15.0086, 2.1852



65.4103, 72.3492, 10.5173

Inverse Universe

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



7.8939, 7.1247, 18.4118



11.7689, 9.9064, 32.5449



9.1451, 7.2221, 18.3646



3.5309, 3.6505, 4.6088



3.6927, 1.7251, 18.6809



17.6614, 7.7395, 90.9233

Previews

White Background



This preview shows how the XYZ color 14.4962, 16.1255, 7.5028 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 14.4962, 16.1255, 7.5028 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

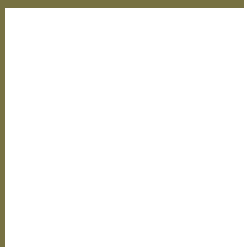
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.4962, 16.1255, 7.5028

Background



This preview shows how black text looks on a background with the XYZ color 14.4962, 16.1255, 7.5028.



This preview shows how white text looks on a background with the XYZ color 14.4962, 16.1255,

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

14.4962, 16.1255, 7.5028

Protanopia

14.8036, 16.1193, 7.4854

Deuteranopia

16.4242, 16.1549, 7.5627



Tritanopia

16.7223, 16.0614, 18.7418

Trichromacy



Original Color

14.4962, 16.1255, 7.5028

Protanomaly

14.6627, 16.0466, 7.4788

Deuteranomaly

15.6877, 16.0884, 7.5887

Tritanomaly

15.6993, 15.9567, 13.8078

Monochromacy



Original Color

14.4962, 16.1255, 7.5028

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.3618, 15.4529, 12.5817

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4962, 16.1255, 7.5028 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(119, 113, 66)` looks like.

```
.text, #text, p{  
    color:rgb(119, 113, 66)  
}
```

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(119, 113, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 113, 66) }
```

Border

The CSS property to change the border of an element to XYZ 14.4962, 16.1255, 7.5028 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(119, 113, 66) }
```


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

```
.border{ border-color:rgb(119, 113, 66) }
```

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

Here you see how a box with a 4 pixel rgb(119, 113, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 113, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 113, 66);  
box-shadow:4px 4px 4px 4px rgb(119, 113,  
66) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4962, 16.1255, 7.5028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 113, 66) }
```

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

```
.background{ background-color: rgb(119,  
113, 66) }
```

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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