

Converting Colors

XYZ(14.0483, 15.9232, 8.4648)

Have a look what the booklet for
XYZ(14.0483, 15.9232, 8.4648)
contains.

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Color

**XYZ(14.0143, 15.8555,
8.4527)**

Conversions

Conversions Part 1

Format	Color
Hex	727148
RGB	114, 113, 72
RGB Percent	45%, 44%, 28%
CMY	0.5529, 0.5569, 0.7176
CMYK	0.00, 0.01, 0.37, 0.55
HSL	59°, 23%, 36%
HSV	59°, 37%, 45%
XYZ	14.0143, 15.8555, 8.4527
YIQ	108.6250, 13.7570, -12.5390

Conversions

Conversions Part 2

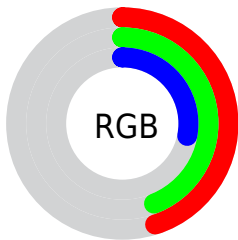
Format	Color
R_{YB}	73, 114, 72
Decimal	7500104
CIE _{Lab}	46.78, -6.47, 22.93
CIE _{LCh}	47, 23.827, 105.766
Yxy	15.8555, 0.3657, 0.4137
Android (android.graphics.Color)	4285690184 (0xFF727148)
YUV	108.6250, -18.0561, 4.7139
Hunter-Lab	39.8190, -6.8600, 15.2873

Details

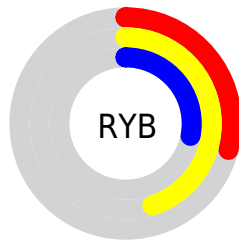
The XYZ color **14.0143, 15.8555, 8.4527** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **8.0924, 7.3577, 16.9134**, and the grayscale version is **14.4767, 15.2306, 16.5862**.

A 20% lighter version of the original color is **32.8427, 36.5062, 23.4046**, and **4.2681, 4.9835, 1.7739** is the 20% darker color. If you saturate the color by 10%, you get **13.6464, 15.6606, 6.6623**, and if you desaturate by 10%, it is **14.4521, 16.0796, 10.6071**.

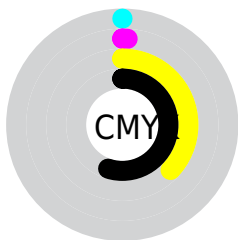
Distribution



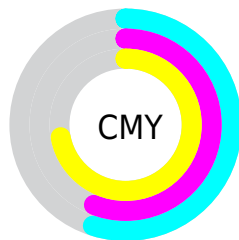
- Red (45%)
- Green (44%)
- Blue (28%)



- Red (29%)
- Yellow (45%)
- Blue (28%)



- Cyan (0%)
- Magenta (1%)
- Yellow (37%)
- Black (55%)



- Cyan (55%)
- Magenta (56%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0143, 15.8555, 8.4527 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 14.0143, 15.8555, 8.4527 by changing the saturation by 10% instead.

■ 14.0143, 15.8555,
8.4527

■ 14.0143, 15.8555,
8.4527

210.8286,
228.4875, 189.3061

■ 8.2124, 9.4220,
4.2941

■ 32.7005, 36.3472,
23.4019

■ 4.2841, 5.0174,
1.7880

■ 46.3154, 51.1741,
35.0296

■ 1.8641, 2.2575,
0.4200

■ 63.2654, 69.5676,
49.9839

■ 0.5558, 0.7511,
0.0000

■ 83.9158, 91.9120,
68.6836

■ 0.0000, 0.0000,
0.0000

■ 108.6320,
118.5919, 91.5472

137.7792,

149.9915, 118.9930

171.7230,
186.4952, 151.4398

■ 14.0143, 15.8555,
8.4527

■ 14.0143, 15.8555,
8.4527

■ 13.6464, 15.6606,
6.6623

■ 14.4521, 16.0796,
10.6071

■ 13.3433, 15.4912,
5.2149

■ 14.9621, 16.3322,
13.1431

■ 13.1013, 15.3465,
4.0886

■ 15.5480, 16.6153,
16.0783

■ 12.9158, 15.2244,
3.2588

■ 16.2129, 16.9301,
19.4290

■ 12.7812, 15.1228,
2.6973

■ 16.9598, 17.2778,
23.2106

■ 12.6850, 15.0368,
2.3372

■ 17.7912, 17.6596,
27.4375

■ 12.6559, 15.0102,
2.2302

■ 18.7100, 18.0764,
32.1237

■ 19.7186, 18.5292,
37.2825

■ 20.8194, 19.0192,
42.9266

Harmonies

Analogous

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



16.0703, 15.8555, 8.4038



14.0143, 15.8555, 8.4527



12.3943, 15.8555, 10.4700

Triad

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



14.0143, 15.8555, 8.4527



12.4604, 15.8555, 26.7879



19.2672, 15.8555, 20.2215

Complementary

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



14.0143, 15.8555, 8.4527



8.0924, 7.3577, 16.9134

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.



18.1059, 15.8555, 26.5002



14.0143, 15.8555, 8.4527



14.1124, 15.8555, 30.8393

Square

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



14.0143, 15.8555, 8.4527



11.5548, 15.8555, 20.5503



16.1778, 15.8555, 30.7233



19.2348, 15.8555, 14.3480

Rectangle

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



14.0143, 15.8555, 8.4527



11.7240, 15.8555, 12.9946



16.1778, 15.8555, 30.7233



18.9992, 15.8555, 22.3788

Sweetspot

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



14.0147, 15.8562, 8.4530



26.8480, 28.9699, 25.8743



10.4729, 8.6987, 7.5004



6.1854, 6.6883, 5.8658



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



14.0147, 15.8562, 8.4530



24.0827, 27.5754, 12.2013



11.8445, 14.9036, 8.3835



3.6354, 3.9033, 3.6351



14.0865, 16.7055, 2.4820



70.0768, 83.0288, 12.3327

Inverse Universe

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



8.0924, 7.3577, 16.9134



12.0883, 10.3642, 29.3389



9.7286, 8.1046, 16.9714



3.2234, 3.3120, 4.2236



3.4120, 1.4142, 17.8148



16.9064, 6.8646, 88.7131

Previews

White Background



This preview shows how the XYZ color 14.0143, 15.8555, 8.4527 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 14.0143, 15.8555, 8.4527 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

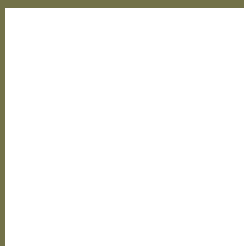
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.0143, 15.8555, 8.4527

Background



This preview shows how black text looks on a background with the XYZ color 14.0143, 15.8555, 8.4527.



This preview shows how white text looks on a background with the XYZ color 14.0143, 15.8555,

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

14.0143, 15.8555, 8.4527

Protanopia

14.7069, 15.8888, 8.2529

Deuteranopia

16.0629, 15.7890, 8.6795



Tritanopia

16.1227, 15.9080, 18.7438

Trichromacy



Original Color

14.0143, 15.8555, 8.4527

Protanomaly

14.4027, 15.8948, 8.2701

Deuteranomaly

15.2754, 15.8539, 8.5583

Tritanomaly

15.2123, 15.8539, 14.3149

Monochromacy



Original Color

14.0143, 15.8555, 8.4527

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.2428, 15.3759, 13.2835

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0143, 15.8555, 8.4527 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(114, 113, 72)` looks like.

```
.text, #text, p{  
    color:rgb(114, 113, 72)  
}
```

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(114, 113, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 113, 72) }
```

Border

The CSS property to change the border of an element to XYZ 14.0143, 15.8555, 8.4527 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(114, 113, 72) }
```


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

```
.border{ border-color:rgb(114, 113, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 113, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 113, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 113, 72);  
box-shadow:4px 4px 4px 4px rgb(114, 113,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0143, 15.8555, 8.4527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 113, 72) }
```

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

```
.background{ background-color: rgb(114,  
113, 72) }
```

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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