

Converting Colors

XYZ(14.5697, 15.9629, 12.1391)

Have a look what the booklet for
XYZ(14.5697, 15.9629, 12.1391)
contains.

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Color

**XYZ(14.4925, 15.8544,
12.1939)**

Conversions

Conversions Part 1

Format	Color
Hex	71705B
RGB	113, 112, 91
RGB Percent	44%, 44%, 36%
CMY	0.5569, 0.5608, 0.6431
CMYK	0.00, 0.01, 0.19, 0.56
HSL	57°, 11%, 40%
HSV	57°, 19%, 44%
XYZ	14.4925, 15.8544, 12.1939
YIQ	109.9050, 7.3370, -6.3190

Conversions

Conversions Part 2

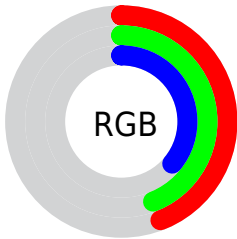
Format	Color
R_{YB}	92, 113, 91
Decimal	7434331
CIE _{Lab}	46.78, -3.50, 11.84
CIE _{LCh}	47, 12.349, 106.449
Yxy	15.8544, 0.3407, 0.3727
Android (android.graphics.Color)	4285624411 (0xFF71705B)
YUV	109.9050, -9.3202, 2.7143
Hunter-Lab	39.8176, -4.7117, 9.7151

Details

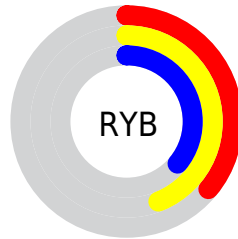
The XYZ color **14.4925, 15.8544, 12.1939** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.1220, 11.0703, 17.1733**, and the grayscale version is **14.8185, 15.5902, 16.9777**.

A 20% lighter version of the original color is **33.6002, 36.4733, 30.4684**, and **4.4870, 4.9801, 3.2074** is the 20% darker color. If you saturate the color by 10%, you get **13.9852, 15.5619, 9.7983**, and if you desaturate by 10%, it is **15.0744, 16.1783, 14.9770**.

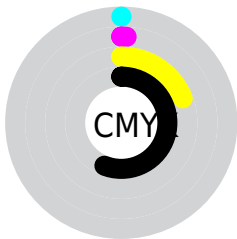
Distribution



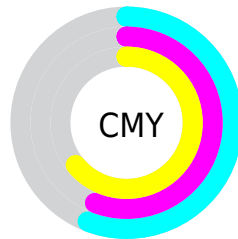
- Red (44%)
- Green (44%)
- Blue (36%)



- Red (36%)
- Yellow (44%)
- Blue (36%)



- Cyan (0%)
- Magenta (1%)
- Yellow (19%)
- Black (56%)



- Cyan (56%)
- Magenta (56%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4925, 15.8544, 12.1939 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 14.4925, 15.8544, 12.1939 by changing the saturation by 10% instead.

■ 14.4925, 15.8544,
12.1939

■ 14.4925, 15.8544,
12.1939

213.7234,
228.4810, 216.7080

■ 8.5480, 9.4212,
6.7517

■ 33.5394, 36.3453,
30.5174

■ 4.5023, 5.0169,
3.2312

■ 47.3725, 51.1717,
44.2359

■ 1.9900, 2.2572,
1.2139

■ 64.5658, 69.5646,
61.5501

■ 0.6284, 0.7509,
0.0000

■ 85.4847, 91.9085,
82.8788

■ 0.0000, 0.0000,
0.0000

110.4946,
118.5877, 108.6404

139.9607,

149.9866, 139.2534

174.2486,
186.4895, 175.1365

■ 14.4925, 15.8544,
12.1939

■ 14.4925, 15.8544,
12.1939

■ 13.9852, 15.5619,
9.7983

■ 15.0744, 16.1783,
14.9770

■ 13.5479, 15.2974,
7.7719

■ 15.7327, 16.5328,
18.1627

■ 13.1776, 15.0602,
6.0965

■ 16.4708, 16.9197,
21.7666

■ 12.8704, 14.8487,
4.7520

■ 17.2913, 17.3400,
25.8031

■ 12.6222, 14.6614,
3.7162

■ 18.1968, 17.7950,
30.2860

■ 12.4281, 14.4962,
2.9642

■ 19.1900, 18.2854,
35.2284

■ 12.2828, 14.3510,
2.4673

■ 20.2730, 18.8124,
40.6429

■ 12.1662, 14.2178,
2.1204

■ 21.4484, 19.3768,
46.5416

■ 12.1601, 14.2108,
2.1021

■ 22.7182, 19.9795,
52.9363

Harmonies

Analogous

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



15.5577, 15.8544, 12.1327



14.4925, 15.8544, 12.1939



13.6229, 15.8544, 13.5037

Triad

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



14.4925, 15.8544, 12.1939



13.6920, 15.8544, 21.9084



17.1649, 15.8544, 18.6843

Complementary

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



14.4925, 15.8544, 12.1939



11.1220, 11.0703, 17.1733

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.



16.6142, 15.8544, 21.6617



14.4925, 15.8544, 12.1939



14.5909, 15.8544, 23.6668

Square

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



14.4925, 15.8544, 12.1939



13.1760, 15.8544, 18.9903



15.6609, 15.8544, 23.5715



17.1354, 15.8544, 15.6433

Rectangle

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



14.4925, 15.8544, 12.1939



13.2561, 15.8544, 15.0081



15.6609, 15.8544, 23.5715



17.0404, 15.8544, 19.7326

Sweetspot

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



14.4929, 15.8551, 12.1942



27.3681, 29.1741, 28.6248



12.4874, 11.7675, 11.7616



6.3172, 6.7404, 6.5615



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.



14.4929, 15.8551, 12.1942



25.5596, 28.1675, 19.9744



13.3985, 15.4550, 12.1747



3.6296, 3.8916, 3.6332



13.7899, 16.1122, 2.3832



68.5189, 79.9129, 11.8134

Inverse Universe

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



11.1220, 11.0703, 17.1733



18.4408, 18.0629, 30.4900



12.0775, 11.4355, 17.1934



3.2286, 3.3225, 4.2254



3.4400, 1.4703, 17.8241



16.9646, 6.9811, 88.7325

Previews

White Background



This preview shows how the XYZ color 14.4925, 15.8544, 12.1939 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 14.4925, 15.8544, 12.1939 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

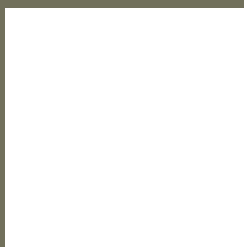
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.4925, 15.8544, 12.1939

Background



This preview shows how black text looks on a background with the XYZ color 14.4925, 15.8544, 12.1939.



This preview shows how white text looks on a background with the XYZ color 14.4925, 15.8544,

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

14.4925, 15.8544, 12.1939

Protanopia

14.8660, 15.8890, 11.9562

Deuteranopia

16.0915, 15.8773, 12.3417



Tritanopia

15.7759, 15.7225, 19.0329

Trichromacy



Original Color

14.4925, 15.8544, 12.1939

Protanomaly

14.7324, 15.8201, 11.9500

Deuteranomaly

15.5688, 15.9209, 12.3777

Tritanomaly

15.2456, 15.6648, 16.4074

Monochromacy



Original Color

14.4925, 15.8544, 12.1939

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.6882, 15.7277, 15.0936

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4925, 15.8544, 12.1939 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(113, 112, 91)` looks like.

```
.text, #text, p{  
    color:rgb(113, 112, 91)  
}
```

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(113, 112, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 112, 91) }
```

Border

The CSS property to change the border of an element to XYZ 14.4925, 15.8544, 12.1939 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(113, 112, 91) }
```


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

```
.border{ border-color:rgb(113, 112, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 112, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 112, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 112, 91);  
box-shadow:4px 4px 4px 4px rgb(113, 112,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4925, 15.8544, 12.1939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 112, 91) }
```

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

```
.background{ background-color: rgb(113,  
112, 91) }
```

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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