

Converting Colors

XYZ(14.5425, 13.7333, 20.4291)

Have a look what the booklet for
XYZ(14.5425, 13.7333, 20.4291)
contains.

XYZ(14.5302, 13.7083, 20.2925)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.5302, 13.7083,
20.2925)**

Conversions

Conversions Part 1

Format	Color
Hex	6F637A
RGB	111, 99, 122
RGB Percent	44%, 39%, 48%
CMY	0.5647, 0.6118, 0.5216
CMYK	0.09, 0.19, 0.00, 0.52
HSL	271°, 10%, 43%
HSV	271°, 19%, 48%
XYZ	14.5302, 13.7083, 20.2925
YIQ	105.2100, -0.2310, 9.6970

Conversions

Conversions Part 2

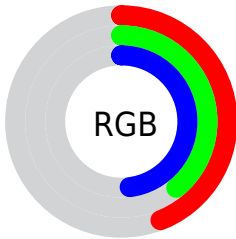
Format	Color
R_{YB}	111, 99, 122
Decimal	7299962
CIE _{Lab}	43.81, 9.54, -11.12
CIE _{LCh}	44, 14.651, 310.638
Yxy	13.7083, 0.2994, 0.2825
Android (android.graphics.Color)	4285490042 (0xFF6F637A)
YUV	105.2100, 8.2775, 5.0778
Hunter-Lab	37.0247, 5.2583, -6.5783

Details

The XYZ color **14.5302, 13.7083, 20.2925** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.6426, 18.1353, 14.4810**, and the grayscale version is **13.4628, 14.1639, 15.4245**.

A 20% lighter version of the original color is **33.6506, 32.6552, 44.5739**, and **4.4805, 3.9938, 6.8381** is the 20% darker color. If you saturate the color by 10%, you get **12.7503, 11.2029, 19.9029**, and if you desaturate by 10%, it is **16.5336, 16.5889, 20.7431**.

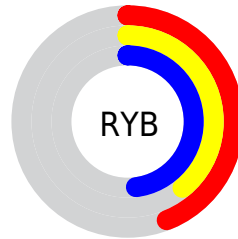
Distribution



Red (44%)

Green (39%)

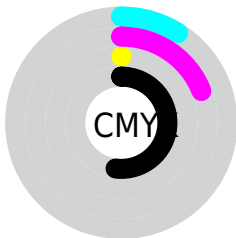
Blue (48%)



Red (44%)

Yellow (39%)

Blue (48%)

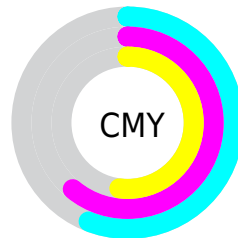


Cyan (9%)

Magenta (19%)

Yellow (0%)

Black (52%)



Cyan (56%)

Magenta (61%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5302, 13.7083, 20.2925 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 14.5302, 13.7083, 20.2925 by changing the saturation by 10% instead.

■ 14.5302, 13.7083,
20.2925

■ 14.5302, 13.7083,
20.2925

213.9500,
215.4085, 266.1506

■ 8.5745, 7.9181,
12.4217

■ 33.6053, 32.5705,
44.7724

■ 4.5196, 4.0426,
6.9055

■ 47.4555, 46.4114,
62.2186

■ 2.0001, 1.6974,
3.3255

■ 64.6678, 63.7045,
83.6937

■ 0.6340, 0.4220,
1.2632

■ 85.6078, 84.8343,
109.6161

■ 0.0000, 0.0000,
0.0313

110.6406,
110.1852, 140.4045

■ 0.0000, 0.0000,
0.0000

140.1316,

140.1416, 176.4773

174.4463,
175.0879, 218.2532

■ 14.5302, 13.7083,
20.2925

■ 14.5302, 13.7083,
20.2925

■ 12.7503, 11.2029,
19.9029

■ 16.5336, 16.5889,
20.7431

■ 11.1838, 9.0548,
19.5709

■ 18.7673, 19.8579,
21.2564

■ 9.8220, 7.2474,
19.2938

■ 21.2397, 23.5304,
21.8349

■ 8.6545, 5.7618,
19.0686

■ 23.9580, 27.6196,
22.4810

■ 7.6705, 4.5775,
18.8918

■ 26.9293, 32.1386,
23.1966

■ 6.8576, 3.6713,
18.7598

■ 30.1603, 37.0996,
23.9839

■ 6.2016, 3.0165,
18.6679

■ 33.6576, 42.5145,
24.8447

■ 5.6633, 2.5363,
18.6036

■ 37.4273, 48.3946,
25.7810

■ 5.6045, 2.4834,
18.5965

■ 41.4756, 54.7508,
26.7945

Harmonies

Analogous

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



13.4437, 13.7083, 22.0918



14.5302, 13.7083, 20.2925



15.2393, 13.7083, 17.1360

Triad

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



14.5302, 13.7083, 20.2925



13.7797, 13.7083, 9.6927



10.9659, 13.7083, 16.1315

Complementary

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



14.5302, 13.7083, 20.2925



15.6426, 18.1353, 14.4810

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.



11.0440, 13.7083, 12.9147



14.5302, 13.7083, 20.2925



12.6236, 13.7083, 9.5062

Square

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



14.5302, 13.7083, 20.2925



14.7886, 13.7083, 11.1544



11.6355, 13.7083, 10.6004



11.4154, 13.7083, 19.4643

Rectangle

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



14.5302, 13.7083, 20.2925



15.3791, 13.7083, 14.8553



11.6355, 13.7083, 10.6004



10.9320, 13.7083, 14.9970

Sweetspot

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



14.5306, 13.7089, 20.2928



30.1100, 30.6722, 36.7263



14.2475, 15.2354, 20.6024



6.8424, 6.9516, 8.3878



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.



14.5306, 13.7089, 20.2928



24.0423, 21.9638, 35.3652



15.9774, 14.4575, 20.2368



3.9785, 3.9868, 5.0030



5.8909, 2.6096, 19.5785



27.1117, 11.9386, 93.3452

Inverse Universe

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



15.3028, 14.1876, 16.6845



25.7172, 23.0017, 27.5600



14.3761, 17.4803, 14.5177



4.0707, 4.0440, 4.5700



9.2595, 4.6800, 4.6575



43.7436, 22.1538, 19.9780

Previews

White Background



This preview shows how the XYZ color 14.5302, 13.7083, 20.2925 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 14.5302, 13.7083, 20.2925 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 14.5302, 13.7083, 20.2925

Background



This preview shows how black text looks on a background with the XYZ color 14.5302, 13.7083, 20.2925.



This preview shows how white text looks on a background with the XYZ color 14.5302, 13.7083,

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

14.5302, 13.7083, 20.2925

Protanopia

13.6339, 13.8084, 21.0155

Deuteranopia

13.9922, 13.7158, 20.3223



Tritanopia

13.7207, 13.6627, 16.3820

Trichromacy



Original Color

14.5302, 13.7083, 20.2925

Protanomaly

13.9200, 13.8164, 20.6721

Deuteranomaly

14.1334, 13.6453, 20.3012

Tritanomaly

14.0248, 13.6442, 17.8140

Monochromacy



Original Color

14.5302, 13.7083, 20.2925

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.7829, 13.9740, 17.0097

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5302, 13.7083, 20.2925 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(111, 99, 122)` looks like.

```
.text, #text, p{  
    color:rgb(111, 99, 122)  
}
```

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(111, 99, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 99, 122) }
```

Border

The CSS property to change the border of an element to XYZ 14.5302, 13.7083, 20.2925 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(111, 99, 122) }
```


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

```
.border{ border-color:rgb(111, 99, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 99, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 99, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 99, 122);  
box-shadow:4px 4px 4px 4px rgb(111, 99,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5302, 13.7083, 20.2925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 99, 122) }
```

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

```
.background{ background-color: rgb(111, 99,  
122) }
```

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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