

Converting Colors

XYZ(13.0295, 11.9992, 13.9413)

Have a look what the booklet for
XYZ(13.0295, 11.9992, 13.9413)
contains.

XYZ(13.0295, 11.9992, 13.9413)	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(13.0295, 11.9992,
13.9413)**

Conversions

Conversions Part 1

Format	Color
Hex	725B65
RGB	114, 91, 101
RGB Percent	45%, 36%, 40%
CMY	0.5529, 0.6431, 0.6039
CMYK	0.00, 0.20, 0.11, 0.55
HSL	334°, 11%, 40%
HSV	334°, 20%, 45%
XYZ	13.0295, 11.9992, 13.9413
YIQ	99.0170, 10.4980, 7.9860

Conversions

Conversions Part 2

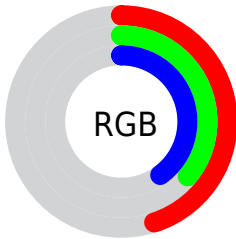
Format	Color
R_{YB}	114, 91, 101
Decimal	7494501
CIE Lab	41.21, 11.19, -2.16
CIE LCh	41, 11.400, 349.090
Yxy	11.9992, 0.3343, 0.3079
Android (android.graphics.Color)	4285684581 (0xFF725B65)
YUV	99.0170, 0.9776, 13.1401
Hunter-Lab	34.6399, 6.5216, 0.3858

Details

The XYZ color **13.0295, 11.9992, 13.9413** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.8309, 15.2586, 15.3664**, and the grayscale version is **11.8601, 12.4777, 13.5882**.

A 20% lighter version of the original color is **30.9183, 29.4237, 33.7555**, and **3.8510, 3.3014, 3.9243** is the 20% darker color. If you saturate the color by 10%, you get **11.8246, 10.0750, 12.0426**, and if you desaturate by 10%, it is **14.4079, 14.2305, 16.0203**.

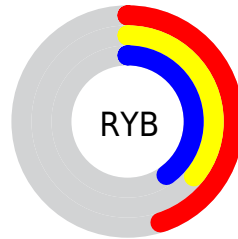
Distribution



Red (45%)

Green (36%)

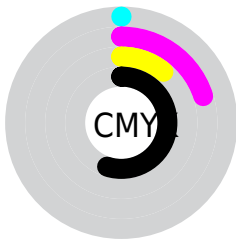
Blue (40%)



Red (45%)

Yellow (36%)

Blue (40%)

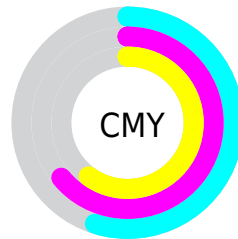


Cyan (0%)

Magenta (20%)

Yellow (11%)

Black (55%)



Cyan (55%)

Magenta (64%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.0295, 11.9992, 13.9413 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 13.0295, 11.9992, 13.9413 by changing the saturation by 10% instead.

■ 13.0295, 11.9992,
13.9413

■ 13.0295, 11.9992,
13.9413

204.7404,
204.4000, 228.2811

■ 7.5260, 6.7431,
7.9416

■ 30.9576, 29.4936,
33.7005

■ 3.8424, 3.3020,
3.9703

■ 44.1130, 42.5008,
48.2970

■ 1.6134, 1.2913,
1.6091

■ 60.5497, 58.8605,
66.5962

■ 0.4011, 0.1345,
0.2973

■ 80.6330, 78.9570,
89.0166

■ 0.0000, 0.0000,
0.0000

■ 104.7284,
103.1749, 115.9767

133.2012,

131.8984, 147.8951

166.4168,
165.5120, 185.1904

■ 13.0295, 11.9992,
13.9413

■ 13.0295, 11.9992,
13.9413

■ 11.8246, 10.0750,
12.0426

■ 14.4079, 14.2305,
16.0203

■ 10.7850, 8.4427,
10.3182

■ 15.9656, 16.7801,
18.2839

■ 9.9033, 7.0884,
8.7629

■ 17.7093, 19.6603,
20.7369

■ 9.1710, 5.9962,
7.3710

■ 19.6451, 22.8827,
23.3840

■ 8.5790, 5.1486,
6.1362

■ 21.7789, 26.4579,
26.2295

■ 8.1168, 4.5261,
5.0518

■ 24.1161, 30.3963,
29.2777

■ 7.7727, 4.1059,
4.1104

■ 26.6621, 34.7078,
32.5328

■ 7.5058, 3.8039,
3.3067

■ 29.4221, 39.4019,
35.9986

■ 32.4009, 44.4879,
39.6791

Harmonies

Analogous

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



12.6424, 11.9992, 16.2616



13.0295, 11.9992, 13.9413



12.9658, 11.9992, 11.6389

Triad

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



13.0295, 11.9992, 13.9413



10.8954, 11.9992, 9.2350



10.4001, 11.9992, 16.7961

Complementary

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



13.0295, 11.9992, 13.9413



12.8309, 15.2586, 15.3664

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.



9.9746, 11.9992, 14.6032



13.0295, 11.9992, 13.9413



10.2508, 11.9992, 10.3175

Square

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



13.0295, 11.9992, 13.9413



11.7069, 11.9992, 9.1029



9.9213, 11.9992, 12.2264



11.1081, 11.9992, 18.0368

Rectangle

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



13.0295, 11.9992, 13.9413



12.6771, 11.9992, 10.4120



9.9213, 11.9992, 12.2264



10.2208, 11.9992, 16.1344

Sweetspot

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



13.0298, 11.9997, 13.9416



26.3802, 26.7390, 29.7112



12.4472, 11.6199, 17.5066



6.0725, 6.1375, 6.8299



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.



13.0298, 11.9997, 13.9416



21.9190, 19.5185, 22.9774



12.6684, 12.0136, 11.5494



3.4391, 3.4234, 3.8391



8.3471, 4.2312, 3.6377



41.1632, 20.9106, 15.9234

Inverse Universe

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



13.0298, 11.9997, 13.9416



21.9190, 19.5185, 22.9774



13.2405, 15.2162, 18.1589



3.4391, 3.4234, 3.8391



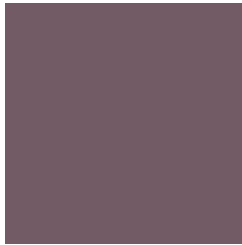
8.3471, 4.2312, 3.6377



41.1632, 20.9106, 15.9234

Previews

White Background



This preview shows how the XYZ color 13.0295, 11.9992, 13.9413 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 13.0295, 11.9992, 13.9413 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 13.0295, 11.9992, 13.9413

Background



This preview shows how black text looks on a background with the XYZ color 13.0295, 11.9992, 13.9413.



This preview shows how white text looks on a background with the XYZ color 13.0295, 11.9992,

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

13.0295, 11.9992, 13.9413

Protanopia

11.7031, 12.0903, 14.8135

Deuteranopia

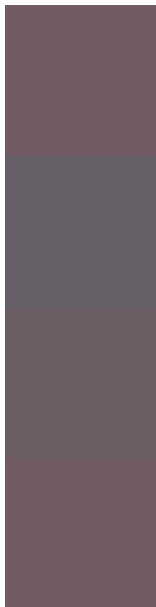
12.1287, 11.9288, 13.7198



Tritanopia

12.9326, 11.9604, 13.4313

Trichromacy



Original Color

13.0295, 11.9992, 13.9413

Protanomaly

12.1339, 12.0473, 14.5178

Deuteranomaly

12.3989, 11.9369, 13.7072

Tritanomaly

12.9808, 11.9797, 13.6847

Monochromacy



Original Color

13.0295, 11.9992, 13.9413

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

12.1920, 12.2289, 13.7744

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.0295, 11.9992, 13.9413 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, 91, 101)` looks like.

```
.text, #text, p{  
    color:rgb(114, 91, 101)  
}
```

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, 91, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 91, 101) }
```

Border

The CSS property to change the border of an element to XYZ 13.0295, 11.9992, 13.9413 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, 91, 101) }
```


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

```
.border{ border-color:rgb(114, 91, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 91, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(114, 91, 101); -webkit-box-shadow:4px 4px 4px 4px rgb(114, 91, 101); box-shadow:4px 4px 4px 4px rgb(114, 91, 101) }
```

Background

The CSS property to change the background color of an element to XYZ 13.0295, 11.9992, 13.9413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 91, 101) }
```

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

```
.background{ background-color: rgb(114, 91,  
101) }
```

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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