

Converting Colors

XYZ(14.5040, 9.4323, 32.0665)

Have a look what the booklet for
XYZ(14.5040, 9.4323, 32.0665)
contains.

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Color

**XYZ(14.5040, 9.4323,
32.0665)**

Conversions

Conversions Part 1

Format	Color
Hex	713F9B
RGB	113, 63, 155
RGB Percent	44%, 25%, 61%
CMY	0.5569, 0.7529, 0.3922
CMYK	0.27, 0.59, 0.00, 0.39
HSL	273°, 42%, 43%
HSV	273°, 59%, 61%
XYZ	14.5040, 9.4323, 32.0665
YIQ	88.4380, 0.2680, 39.2120

Conversions

Conversions Part 2

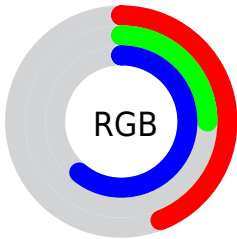
Format	Color
R_{YB}	113, 63, 155
Decimal	7421851
CIE _{Lab}	36.80, 39.59, -42.02
CIE _{LCh}	37, 57.733, 313.291
Yxy	9.4323, 0.2590, 0.1684
Android (android.graphics.Color)	4285611931 (0xFF713F9B)
YUV	88.4380, 32.8151, 21.5409
Hunter-Lab	30.7120, 30.5519, -40.4063

Details

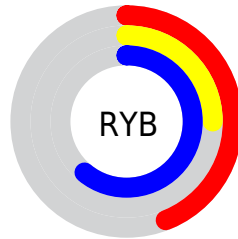
The XYZ color **14.5040, 9.4323, 32.0665** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **18.4443, 26.8050, 8.9047**, and the grayscale version is **9.3023, 9.7867, 10.6577**.

A 20% lighter version of the original color is **33.4743, 24.6789, 63.9720**, and **4.5166, 2.2592, 13.0300** is the 20% darker color. If you saturate the color by 10%, you get **12.8882, 7.4996, 31.7788**, and if you desaturate by 10%, it is **16.4332, 11.8856, 32.4385**.

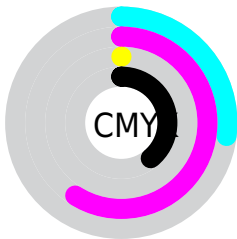
Distribution



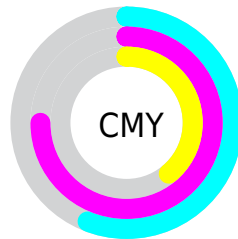
- Red (44%)
- Green (25%)
- Blue (61%)



- Red (44%)
- Yellow (25%)
- Blue (61%)



- Cyan (27%)
- Magenta (59%)
- Yellow (0%)
- Black (39%)



- Cyan (56%)
- Magenta (75%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5040, 9.4323, 32.0665 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 14.5040, 9.4323, 32.0665 by changing the saturation by 10% instead.

14.5040, 9.4323,
32.0665

14.5040, 9.4323,
32.0665

213.7925,
186.5709, 325.9241

8.5561, 5.0242,
21.1471

33.5595, 24.7221,
64.0144

4.5076, 2.2615,
13.0392

47.3978, 36.3726,
85.8800

1.9931, 0.7532,
7.3245

64.5969, 51.2060,
112.2314

0.6301, 0.0000,
3.5844

85.5223, 69.6068,
143.4871

0.0000, 0.0000,
1.4002

110.5391, 91.9592,
180.0657

0.0000, 0.0000,
0.1419

140.0129,

0.0000, 0.0000,

118.6478, 222.3857

0.0000

174.3089,

150.0569, 270.8657

■ 14.5040, 9.4323,
32.0665

■ 14.5040, 9.4323,
32.0665

■ 12.8882, 7.4996,
31.7788

■ 16.4332, 11.8856,
32.4385

■ 11.5623, 6.0439,
31.5677

■ 18.6947, 14.8962,
32.9004

■ 10.5004, 5.0159,
31.4252

■ 21.3070, 18.4985,
33.4581

■ 9.6463, 4.3055,
31.3331

■ 24.2869, 22.7239,
34.1166

■ 9.5942, 4.2626,
31.3276

■ 27.6500, 27.6014,
34.8808

■ 31.4108, 33.1581,
35.7551

■ 35.5833, 39.4198,
36.7438

■ 40.1804, 46.4107,
37.8509

■ 45.2148, 54.1539,
39.0802

Harmonies

Analogous

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



10.6267, 9.4323, 43.4350



14.5040, 9.4323, 32.0665



17.2154, 9.4323, 16.9743

Triad

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



14.5040, 9.4323, 32.0665



11.0732, 9.4323, 0.5704



3.8298, 9.4323, 15.4486

Complementary

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



14.5040, 9.4323, 32.0665



18.4443, 26.8050, 8.9047

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.



3.8898, 9.4323, 5.6146



14.5040, 9.4323, 32.0665



7.4864, 9.4323, 0.5081

Square

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



14.5040, 9.4323, 32.0665



14.9042, 9.4323, 1.8540



5.0536, 9.4323, 1.6030



4.8597, 9.4323, 30.3379

Rectangle

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



14.5040, 9.4323, 32.0665



17.6466, 9.4323, 9.1889



5.0536, 9.4323, 1.6030



3.7333, 9.4323, 11.4331

Sweetspot

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



14.5044, 9.4327, 32.0667



44.0675, 41.5182, 61.2275



13.1137, 13.7180, 32.9672



9.6241, 8.8952, 13.7801



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



14.5044, 9.4327, 32.0667



22.3087, 12.5543, 56.7837



20.9573, 12.7886, 31.0412



6.1891, 6.1834, 7.7963



7.7505, 3.4466, 25.1645



0.1578, 0.0731, 0.3782

Inverse Universe

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



17.8450, 11.5437, 14.6522



29.3629, 16.9967, 20.7073



14.7568, 24.8938, 9.1921



6.3202, 6.2672, 7.0662



11.7835, 5.9676, 5.3850



0.1942, 0.0964, 0.1755

Previews

White Background



This preview shows how the XYZ color 14.5040, 9.4323, 32.0665 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 ✓ Pass

Black Background



This preview shows how the XYZ color 14.5040, 9.4323, 32.0665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

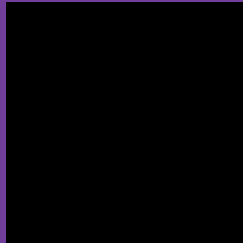
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.5040, 9.4323, 32.0665

Background



This preview shows how black text looks on a background with the XYZ color 14.5040, 9.4323, 32.0665.



This preview shows how white text looks on a background with the XYZ color 14.5040, 9.4323,

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

14.5040, 9.4323, 32.0665

Protanopia

11.3373, 9.6341, 42.8570

Deuteranopia

9.7941, 9.5935, 30.1897



Tritanopia

10.1456, 9.5059, 10.5326

Trichromacy



Original Color

14.5040, 9.4323, 32.0665

Protanomaly

11.1620, 8.7635, 38.6393

Deuteranomaly

10.6435, 8.9828, 30.8786

Tritanomaly

11.2664, 9.2053, 16.5122

Monochromacy



Original Color

14.5040, 9.4323, 32.0665

Achromatopsia

9.2757, 9.7587, 10.6273

Achromatomaly

10.6504, 9.3032, 16.5636

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5040, 9.4323, 32.0665 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, 63, 155)` looks like.

```
.text, #text, p{  
    color:rgb(113, 63, 155)  
}
```

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, 63, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 63, 155) }
```

Border

The CSS property to change the border of an element to XYZ 14.5040, 9.4323, 32.0665 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, 63, 155) }
```


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

```
.border{ border-color:rgb(113, 63, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 63, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 63, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 63, 155);  
box-shadow:4px 4px 4px 4px rgb(113, 63,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5040, 9.4323, 32.0665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 63, 155) }
```

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

```
.background{ background-color: rgb(113, 63,  
155) }
```

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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