

Converting Colors

XYZ(14.2632, 10.0317, 28.8743)

Have a look what the booklet for
XYZ(14.2632, 10.0317, 28.8743)
contains.

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Color

**XYZ(14.2667, 9.9976,
28.7816)**

Conversions

Conversions Part 1

Format	Color
Hex	714693
RGB	113, 70, 147
RGB Percent	44%, 27%, 58%
CMY	0.5569, 0.7255, 0.4235
CMYK	0.23, 0.52, 0.00, 0.42
HSL	274°, 35%, 43%
HSV	274°, 52%, 58%
XYZ	14.2667, 9.9976, 28.7816
YIQ	91.6350, 0.9110, 33.0630

Conversions

Conversions Part 2

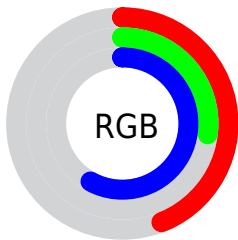
Format	Color
R _{YB}	113, 70, 147
Decimal	7423635
CIE Lab	37.84, 33.66, -35.53
CIE LCh	38, 48.946, 313.454
Yxy	9.9976, 0.2690, 0.1885
Android (android.graphics.Color)	4285613715 (0xFF714693)
YUV	91.6350, 27.2949, 18.7371
Hunter-Lab	31.6190, 25.2072, -31.8362

Details

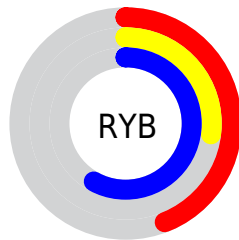
The XYZ color **14.2667, 9.9976, 28.7816** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **17.2483, 24.2529, 9.5669**, and the grayscale version is **10.0285, 10.5507, 11.4898**.

A 20% lighter version of the original color is **33.1954, 25.8655, 58.5013**, and **4.4043, 2.4815, 11.3132** is the 20% darker color. If you saturate the color by 10%, you get **12.6519, 7.9633, 28.4742**, and if you desaturate by 10%, it is **16.1671, 12.5137, 29.1673**.

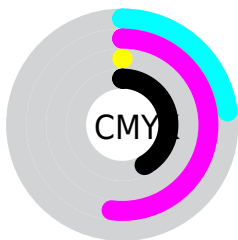
Distribution



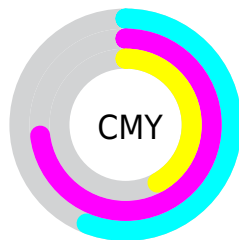
- Red (44%)
- Green (27%)
- Blue (58%)



- Red (44%)
- Yellow (27%)
- Blue (58%)



- Cyan (23%)
- Magenta (52%)
- Yellow (0%)
- Black (42%)



- Cyan (56%)
- Magenta (73%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2667, 9.9976, 28.7816 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 14.2667, 9.9976, 28.7816 by changing the saturation by 10% instead.

■ 14.2667, 9.9976,
28.7816

■ 14.2667, 9.9976,
28.7816

212.3613,
190.6549, 310.2117

■ 8.3893, 5.3974,
18.6715

■ 33.1438, 25.7910,
58.7679

■ 4.3990, 2.4822,
11.2588

■ 46.8743, 37.7529,
79.4813

■ 1.9302, 0.8677,
6.1248

■ 63.9532, 52.9376,
104.5661

■ 0.5943, 0.0000,
2.8511

■ 84.7459, 71.7293,
134.4410

■ 0.0000, 0.0000,
1.0191

■ 109.6176, 94.5125,
169.5245

■ 0.0000, 0.0000,
0.0000

138.9339,

121.6716, 210.2350

173.0600,
153.5909, 256.9913

■ 14.2667, 9.9976,
28.7816

■ 14.2667, 9.9976,
28.7816

■ 12.6519, 7.9633,
28.4742

■ 16.1671, 12.5137,
29.1673

■ 11.3035, 6.3756,
28.2388

■ 18.3683, 15.5410,
29.6356

■ 10.2017, 5.1959,
28.0692

■ 20.8854, 19.1081,
30.1914

■ 9.3226, 4.3787,
27.9578

■ 23.7323, 23.2410,
30.8391

■ 8.7543, 3.9046,
27.8962

■ 26.9221, 27.9639,
31.5826

■ 30.4668, 33.2996,
32.4257

■ 34.3781, 39.2698,
33.3719

■ 38.6670, 45.8950,
34.4246

■ 43.3440, 53.1947,
35.5871

Harmonies

Analogous

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



10.9711, 9.9976, 37.6898



14.2667, 9.9976, 28.7816



16.5100, 9.9976, 16.5630

Triad

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



14.2667, 9.9976, 28.7816



11.3197, 9.9976, 1.3166



4.7722, 9.9976, 15.4038

Complementary

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



14.2667, 9.9976, 28.7816



17.2483, 24.2529, 9.5669

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.



4.8255, 9.9976, 6.6812



14.2667, 9.9976, 28.7816



8.1710, 9.9976, 1.2587

Square

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



14.2667, 9.9976, 28.7816



14.5696, 9.9976, 2.8182



5.9379, 9.9976, 2.5596



5.7718, 9.9976, 27.5435

Rectangle

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



14.2667, 9.9976, 28.7816



16.8565, 9.9976, 9.8809



5.9379, 9.9976, 2.5596



4.6755, 9.9976, 11.9564

Sweetspot

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



14.2671, 9.9980, 28.7818



40.4155, 38.5743, 54.7500



12.8085, 13.4410, 29.5233



9.0101, 8.4922, 12.4491



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



14.2671, 9.9980, 28.7818



22.1590, 13.6564, 50.9026



19.1923, 12.5714, 27.4614



5.7906, 5.7830, 7.2808



7.6182, 3.3999, 24.1858



0.1272, 0.0591, 0.2976

Inverse Universe

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



16.7217, 11.5831, 14.4512



27.4227, 17.0394, 20.9002



14.1908, 22.6622, 10.0787



5.9008, 5.8554, 6.5838



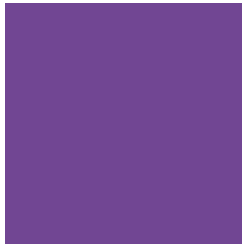
11.2686, 5.7125, 4.8955



0.1524, 0.0757, 0.1359

Previews

White Background



This preview shows how the XYZ color 14.2667, 9.9976, 28.7816 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 14.2667, 9.9976, 28.7816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

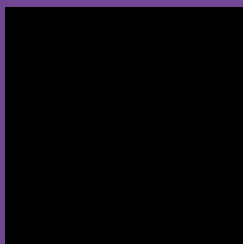
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.2667, 9.9976, 28.7816

Background



This preview shows how black text looks on a background with the XYZ color 14.2667, 9.9976, 28.7816.



This preview shows how white text looks on a background with the XYZ color 14.2667, 9.9976,

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

14.2667, 9.9976, 28.7816

Protanopia

11.3843, 10.1645, 36.0123

Deuteranopia

10.3590, 10.1950, 27.4085



Tritanopia

10.6522, 9.9795, 11.2623

Trichromacy



Original Color

14.2667, 9.9976, 28.7816

Protanomaly

11.8523, 9.7750, 33.1604

Deuteranomaly

11.2692, 9.8198, 27.6870

Tritanomaly

11.7286, 9.8655, 16.3250

Monochromacy



Original Color

14.2667, 9.9976, 28.7816

Achromatopsia

10.1725, 10.7023, 11.6548

Achromatomaly

11.3505, 10.2198, 16.7036

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2667, 9.9976, 28.7816 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, 70, 147)` looks like.

```
.text, #text, p{  
    color:rgb(113, 70, 147)  
}
```

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, 70, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 70, 147) }
```

Border

The CSS property to change the border of an element to XYZ 14.2667, 9.9976, 28.7816 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, 70, 147) }
```


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

```
.border{ border-color:rgb(113, 70, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 70, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(113, 70, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(113, 70, 147); box-shadow:4px 4px 4px 4px rgb(113, 70, 147) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2667, 9.9976, 28.7816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 70, 147) }
```

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

```
.background{ background-color: rgb(113, 70,  
147) }
```

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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