

Converting Colors

XYZ(17.0062, 14.1552, 33.3068)

Have a look what the booklet for
XYZ(17.0062, 14.1552, 33.3068)
contains.

XYZ(17.0324, 14.1621, 33.2883)	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(17.0324, 14.1621,
33.2883)**

Conversions

Conversions Part 1

Format	Color
Hex	725F9C
RGB	114, 95, 156
RGB Percent	45%, 37%, 61%
CMY	0.5529, 0.6274, 0.3882
CMYK	0.27, 0.39, 0.00, 0.39
HSL	259°, 24%, 49%
HSV	259°, 39%, 61%
XYZ	17.0324, 14.1621, 33.2883
YIQ	107.6350, -8.2570, 22.9990

Conversions

Conversions Part 2

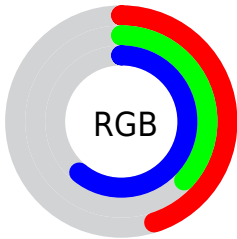
Format	Color
R_{YB}	114, 95, 156
Decimal	7495580
CIE Lab	44.46, 21.27, -30.48
CIE LCh	44, 37.170, 304.904
Yxy	14.1621, 0.2641, 0.2196
Android (android.graphics.Color)	4285685660 (0xFF725F9C)
YUV	107.6350, 23.8439, 5.5821
Hunter-Lab	37.6326, 14.9316, -26.1028

Details

The XYZ color **17.0324, 14.1621, 33.2883** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **24.2707, 29.9217, 15.3232**, and the grayscale version is **14.0894, 14.8231, 16.1424**.

A 20% lighter version of the original color is **37.9731, 33.4764, 66.0882**, and **5.6700, 4.2034, 13.6092** is the 20% darker color. If you saturate the color by 10%, you get **14.4494, 10.9495, 32.8046**, and if you desaturate by 10%, it is **20.0619, 18.0232, 33.8741**.

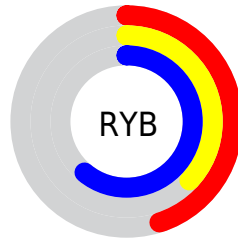
Distribution



Red (45%)

Green (37%)

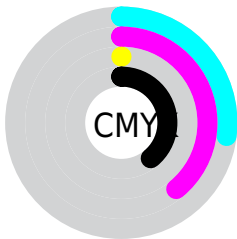
Blue (61%)



Red (45%)

Yellow (37%)

Blue (61%)

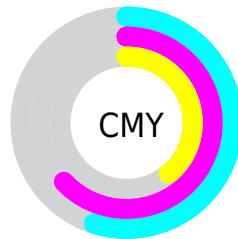


Cyan (27%)

Magenta (39%)

Yellow (0%)

Black (39%)



Cyan (55%)

Magenta (63%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0324, 14.1621, 33.2883 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 17.0324, 14.1621, 33.2883 by changing the saturation by 10% instead.

■ 17.0324, 14.1621,
33.2883

■ 17.0324, 14.1621,
33.2883

228.5116,
218.2369, 331.6186

■ 10.3530, 8.2335,
22.0745

■ 37.9246, 33.3764,
65.9466

■ 5.6977, 4.2447,
13.7128

■ 52.8682, 47.4308,
88.2281

■ 2.7011, 1.8114,
7.7847

■ 71.2972, 64.9627,
115.0359

■ 0.9977, 0.4942,
3.8717

■ 93.5771, 86.3564,
146.7886

■ 0.0000, 0.0000,
1.5552

120.0731,
111.9962, 183.9046

■ 0.0000, 0.0000,
0.2586

151.1506,

■ 0.0000, 0.0000,

142.2667, 226.8026

0.0000

187.1750,
177.5521, 275.9011

■ 17.0324, 14.1621,
33.2883

■ 17.0324, 14.1621,
33.2883

■ 14.4494, 10.9495,
32.8046

■ 20.0619, 18.0232,
33.8741

■ 12.2889, 8.3470,
32.4161

■ 23.5572, 22.5649,
34.5666

■ 10.5266, 6.3148,
32.1168

■ 27.5384, 27.8191,
35.3709

■ 9.1351, 4.8071,
31.8991

■ 32.0238, 33.8152,
36.2918

■ 8.0828, 3.7712,
31.7546

■ 37.0308, 40.5809,
37.3339

■ 7.3097, 3.0977,
31.6653

■ 42.5758, 48.1426,
38.5012

■ 7.2478, 3.0432,
31.6581

■ 48.6747, 56.5252,
39.7977

■ 55.3426, 65.7526,
41.2273

■ 62.5939, 75.8478,
42.7937

Harmonies

Analogous

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



13.9590, 14.1621, 38.3834



17.0324, 14.1621, 33.2883



19.3789, 14.1621, 23.5272

Triad

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



17.0324, 14.1621, 33.2883



16.0541, 14.1621, 4.7870



8.4992, 14.1621, 16.8736

Complementary

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



17.0324, 14.1621, 33.2883



24.2707, 29.9217, 15.3232

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.



8.8897, 14.1621, 9.4289



17.0324, 14.1621, 33.2883



12.9743, 14.1621, 4.1330

Square

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



17.0324, 14.1621, 33.2883



18.7579, 14.1621, 7.7767



10.4268, 14.1621, 5.4630



9.2683, 14.1621, 26.9147

Rectangle

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



17.0324, 14.1621, 33.2883



20.0507, 14.1621, 16.9321



10.4268, 14.1621, 5.4630



8.5004, 14.1621, 14.0009

Sweetspot

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



17.0329, 14.1627, 33.2886



47.6527, 47.3918, 63.7627



19.7659, 22.9246, 34.8358



10.2955, 10.1769, 13.9921



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.



17.0329, 14.1627, 33.2886



26.7531, 20.5121, 59.6759



21.5600, 16.4965, 33.5005



6.4695, 6.5305, 8.3262



6.0023, 2.5233, 26.0779



0.1480, 0.0661, 0.4682

Inverse Universe

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



22.3181, 17.0589, 25.7834



37.9302, 26.6491, 43.2578



20.0419, 27.7417, 15.1253



6.8161, 6.7194, 7.8828



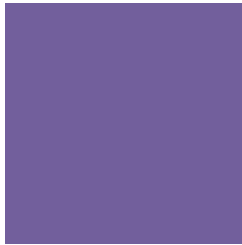
13.5128, 6.7097, 12.2174



0.2597, 0.1272, 0.3135

Previews

White Background



This preview shows how the XYZ color 17.0324, 14.1621, 33.2883 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 17.0324, 14.1621, 33.2883 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 17.0324, 14.1621, 33.2883

Background



This preview shows how black text looks on a background with the XYZ color 17.0324, 14.1621, 33.2883.

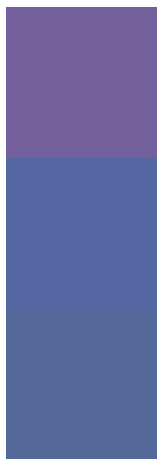


This preview shows how white text looks on a background with the XYZ color 17.0324, 14.1621,

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

17.0324, 14.1621, 33.2883

Protanopia

15.1173, 14.2297, 36.6002

Deuteranopia

14.5294, 14.1650, 32.5402



Tritanopia

13.8188, 14.1347, 17.3292

Trichromacy



Original Color

17.0324, 14.1621, 33.2883

Protanomaly

15.6216, 14.0853, 35.1531

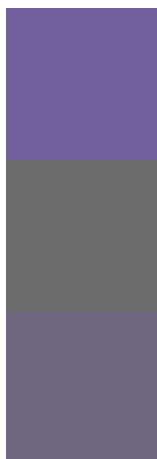
Deuteranomaly

15.3939, 14.1607, 32.9323

Tritanomaly

14.8566, 14.1171, 22.3639

Monochromacy



Original Color

17.0324, 14.1621, 33.2883

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.9823, 14.4962, 21.4104

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0324, 14.1621, 33.2883 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, 95, 156)` looks like.

```
.text, #text, p{  
    color:rgb(114, 95, 156)  
}
```

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, 95, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 95, 156) }
```

Border

The CSS property to change the border of an element to XYZ 17.0324, 14.1621, 33.2883 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, 95, 156) }
```


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

```
.border{ border-color:rgb(114, 95, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 95, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 95, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 95, 156);  
box-shadow:4px 4px 4px 4px rgb(114, 95,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0324, 14.1621, 33.2883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 95, 156) }
```

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

```
.background{ background-color: rgb(114, 95,  
156) }
```

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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