

Converting Colors

XYZ(17.3336, 14.0330, 32.2819)

Have a look what the booklet for
XYZ(17.3336, 14.0330, 32.2819)
contains.

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Color

**XYZ(17.3548, 14.0837,
32.3756)**

Conversions

Conversions Part 1

Format	Color
Hex	775D9A
RGB	119, 93, 154
RGB Percent	47%, 36%, 60%
CMY	0.5333, 0.6353, 0.3961
CMYK	0.23, 0.40, 0.00, 0.40
HSL	266°, 25%, 48%
HSV	266°, 40%, 60%
XYZ	17.3548, 14.0837, 32.3756
YIQ	107.7280, -4.0850, 24.4830

Conversions

Conversions Part 2

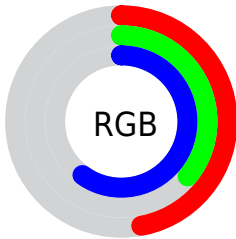
Format	Color
R_{YB}	119, 93, 154
Decimal	7822746
CIE _{Lab}	44.35, 23.52, -29.43
CIE _{LCh}	44, 37.676, 308.626
Yxy	14.0837, 0.2720, 0.2207
Android (android.graphics.Color)	4286012826 (0xFF775D9A)
YUV	107.7280, 22.8121, 9.8855
Hunter-Lab	37.5283, 16.8722, -24.8797

Details

The XYZ color **17.3548, 14.0837, 32.3756** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **22.4339, 28.4910, 14.6734**, and the grayscale version is **14.1172, 14.8524, 16.1743**.

A 20% lighter version of the original color is **38.4951, 33.3206, 64.7242**, and **5.8794, 4.1985, 13.3325** is the 20% darker color. If you saturate the color by 10%, you get **14.9800, 11.0512, 31.9157**, and if you desaturate by 10%, it is **20.1156, 17.7199, 32.9322**.

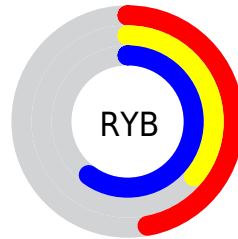
Distribution



Red (47%)

Green (36%)

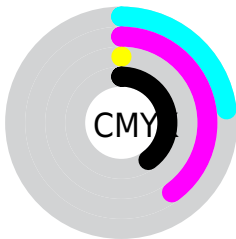
Blue (60%)



Red (47%)

Yellow (36%)

Blue (60%)

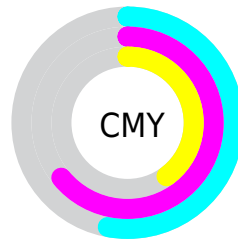


Cyan (23%)

Magenta (40%)

Yellow (0%)

Black (40%)



Cyan (53%)

Magenta (64%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3548, 14.0837, 32.3756 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 17.3548, 14.0837, 32.3756 by changing the saturation by 10% instead.

■ 17.3548, 14.0837,
32.3756

■ 17.3548, 14.0837,
32.3756

230.3254,
217.7509, 327.3720

■ 10.5846, 8.1789,
21.3814

■ 38.4736, 33.2375,
64.5042

■ 5.8535, 4.2096,
13.2091

■ 53.5529, 47.2552,
86.4756

■ 2.7960, 1.7915,
7.4403

■ 72.1326, 64.7461,
112.9432

■ 1.0468, 0.4819,
3.6563

■ 94.5782, 86.0945,
144.3254

■ 0.0000, 0.0000,
1.4388

121.2549,
111.6847, 181.0409

■ 0.0000, 0.0000,
0.1717

152.5281,

■ 0.0000, 0.0000,

141.9013, 223.5081

0.0000

188.7631,
177.1286, 272.1456

■ 17.3548, 14.0837,
32.3756

■ 17.3548, 14.0837,
32.3756

■ 14.9800, 11.0512,
31.9157

■ 20.1156, 17.7199,
32.9322

■ 12.9702, 8.5861,
31.5458

■ 23.2788, 21.9898,
33.5896

■ 11.3045, 6.6512,
31.2601

■ 26.8619, 26.9232,
34.3530

■ 9.9589, 5.2033,
31.0515

■ 30.8805, 32.5477,
35.2269

■ 8.9058, 4.1924,
30.9119

■ 35.3496, 38.8893,
36.2154

8.0851, 3.5039,
30.8223

40.2833, 45.9724,
37.3225

8.0553, 3.4789,
30.8190

45.6953, 53.8206,
38.5521

51.5986, 62.4561,
39.9078

58.0054, 71.9004,
41.3931

Harmonies

Analogous

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



14.2775, 14.0837, 38.4018



17.3548, 14.0837, 32.3756



19.5654, 14.0837, 22.2418

Triad

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



17.3548, 14.0837, 32.3756



15.6197, 14.0837, 4.4657



8.4199, 14.0837, 17.9710

Complementary

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



17.3548, 14.0837, 32.3756



22.4339, 28.4910, 14.6734

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.



8.6677, 14.0837, 10.0299



17.3548, 14.0837, 32.3756



12.5327, 14.0837, 4.0582

Square

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



17.3548, 14.0837, 32.3756



18.4634, 14.0837, 7.1101



10.0739, 14.0837, 5.6557



9.3371, 14.0837, 28.2594

Rectangle

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



17.3548, 14.0837, 32.3756



20.0830, 14.0837, 15.7377



10.0739, 14.0837, 5.6557



8.3730, 14.0837, 14.9387

Sweetspot

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



17.3553, 14.0843, 32.3759



47.0080, 46.4297, 62.0205



18.1429, 20.2517, 33.5248



10.4613, 10.2623, 13.9998



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.



17.3553, 14.0843, 32.3759



27.4707, 20.3995, 58.0259



22.1267, 16.5440, 32.5992



6.1216, 6.1486, 7.7931



6.6022, 2.8546, 25.1107



0.1391, 0.0635, 0.3773

Inverse Universe

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



21.1375, 16.2577, 22.4465



35.6009, 25.0794, 36.3301



18.5778, 26.5032, 14.4929



6.3498, 6.2791, 7.2223



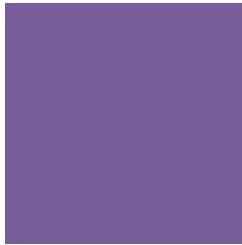
12.3228, 6.1834, 8.2250



0.2024, 0.0997, 0.2187

Previews

White Background



This preview shows how the XYZ color 17.3548, 14.0837, 32.3756 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 17.3548, 14.0837, 32.3756 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 17.3548, 14.0837, 32.3756

Background



This preview shows how black text looks on a background with the XYZ color 17.3548, 14.0837, 32.3756.



This preview shows how white text looks on a background with the XYZ color 17.3548, 14.0837,

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

17.3548, 14.0837, 32.3756

Protanopia

15.0284, 14.1838, 36.5960

Deuteranopia

14.4556, 14.1461, 31.6743



Tritanopia

14.1214, 14.0080, 16.7114

Trichromacy



Original Color

17.3548, 14.0837, 32.3756

Protanomaly

15.6309, 13.9485, 35.1262

Deuteranomaly

15.3439, 14.0109, 32.0327

Tritanomaly

15.1672, 14.0074, 21.6430

Monochromacy



Original Color

17.3548, 14.0837, 32.3756

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

15.2340, 14.6259, 21.4222

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3548, 14.0837, 32.3756 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(119, 93, 154)` looks like.

```
.text, #text, p{  
    color:rgb(119, 93, 154)  
}
```

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(119, 93, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 93, 154) }
```

Border

The CSS property to change the border of an element to XYZ 17.3548, 14.0837, 32.3756 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(119, 93, 154) }
```


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

```
.border{ border-color:rgb(119, 93, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 93, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 93, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 93, 154);  
box-shadow:4px 4px 4px 4px rgb(119, 93,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3548, 14.0837, 32.3756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 93, 154) }
```

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

```
.background{ background-color: rgb(119, 93,  
154) }
```

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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