

Converting Colors

XYZ(17.4928, 14.1549, 32.3820)

Have a look what the booklet for
XYZ(17.4928, 14.1549, 32.3820)
contains.

XYZ(17.4928, 14.1549, 32.3820)	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(17.4928, 14.1549,
32.3820)**

Conversions

Conversions Part 1

Format	Color
Hex	785D9A
RGB	120, 93, 154
RGB Percent	47%, 36%, 60%
CMY	0.5294, 0.6353, 0.3961
CMYK	0.22, 0.40, 0.00, 0.40
HSL	267°, 25%, 48%
HSV	267°, 40%, 60%
XYZ	17.4928, 14.1549, 32.3820
YIQ	108.0270, -3.4890, 24.6950

Conversions

Conversions Part 2

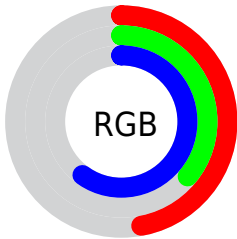
Format	Color
R_{YB}	120, 93, 154
Decimal	7888282
CIE _{Lab}	44.45, 23.83, -29.27
CIE _{LCh}	44, 37.742, 309.154
Yxy	14.1549, 0.2732, 0.2211
Android (android.graphics.Color)	4286078362 (0xFF785D9A)
YUV	108.0270, 22.6647, 10.5003
Hunter-Lab	37.6230, 17.1533, -24.6946

Details

The XYZ color **17.4928, 14.1549, 32.3820** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **22.2842, 28.4139, 14.6665**, and the grayscale version is **14.2011, 14.9406, 16.2703**.

A 20% lighter version of the original color is **38.7155, 33.4342, 64.7345**, and **5.9510, 4.2354, 13.3358** is the 20% darker color. If you saturate the color by 10%, you get **15.1373, 11.1323, 31.9230**, and if you desaturate by 10%, it is **20.2283, 17.7781, 32.9374**.

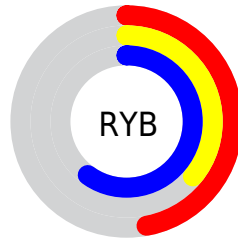
Distribution



Red (47%)

Green (36%)

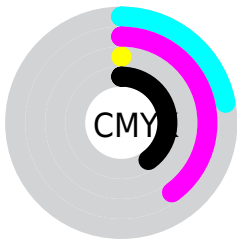
Blue (60%)



Red (47%)

Yellow (36%)

Blue (60%)

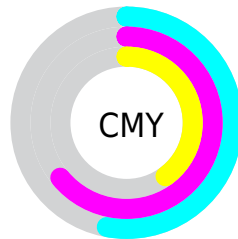


Cyan (22%)

Magenta (40%)

Yellow (0%)

Black (40%)



Cyan (53%)

Magenta (64%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4928, 14.1549, 32.3820 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 17.4928, 14.1549, 32.3820 by changing the saturation by 10% instead.

■ 17.4928, 14.1549,
32.3820

■ 17.4928, 14.1549,
32.3820

231.0977,
218.1923, 327.4019

■ 10.6839, 8.2285,
21.3862

■ 38.7080, 33.3636,
64.5143

■ 5.9204, 4.2415,
13.2126

■ 53.8451, 47.4147,
86.4879

■ 2.8370, 1.8095,
7.4427

■ 72.4890, 64.9428,
112.9579

■ 1.0681, 0.4931,
3.6578

■ 95.0051, 86.3323,
144.3427

■ 0.0000, 0.0000,
1.4396

121.7586,
111.9676, 181.0610

■ 0.0000, 0.0000,
0.1723

153.1150,

■ 0.0000, 0.0000,

142.2332, 223.5313

0.0000

189.4396,
177.5133, 272.1721

■ 17.4928, 14.1549,
32.3820

■ 17.4928, 14.1549,
32.3820

■ 15.1373, 11.1323,
31.9230

■ 20.2283, 17.7781,
32.9374

■ 13.1410, 8.6742,
31.5537

■ 23.3600, 22.0317,
33.5934

■ 11.4832, 6.7433,
31.2684

■ 26.9049, 26.9455,
34.3550

■ 10.1405, 5.2969,
31.0600

■ 30.8787, 32.5469,
35.2267

■ 9.0854, 4.2850,
30.9203

■ 35.2959, 38.8617,
36.2128

8.2582, 3.5932,
30.8303

40.1707, 45.9145,
37.3172

8.2281, 3.5679,
30.8271

45.5162, 53.7284,
38.5437

51.3454, 62.3257,
39.8959

57.6705, 71.7279,
41.3773

Harmonies

Analogous

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



14.4054, 14.1549, 38.5546



17.4928, 14.1549, 32.3820



19.6899, 14.1549, 22.1710

Triad

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



17.4928, 14.1549, 32.3820



15.6432, 14.1549, 4.4633



8.4683, 14.1549, 18.2320

Complementary

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



17.4928, 14.1549, 32.3820



22.2842, 28.4139, 14.6665

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.



8.6967, 14.1549, 10.1890



17.4928, 14.1549, 32.3820



12.5451, 14.1549, 4.0880

Square

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



17.4928, 14.1549, 32.3820



18.5153, 14.1549, 7.0738



10.0899, 14.1549, 5.7336



9.4106, 14.1549, 28.5845

Rectangle

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



17.4928, 14.1549, 32.3820



20.1865, 14.1549, 15.6609



10.0899, 14.1549, 5.7336



8.4142, 14.1549, 15.1663

Sweetspot

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



17.4933, 14.1555, 32.3823



47.1055, 46.4800, 62.0251



18.0102, 19.9863, 33.4805



10.4853, 10.2747, 14.0010



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.



17.4933, 14.1555, 32.3823



27.7543, 20.5457, 58.0392



22.3129, 16.6401, 32.6079



6.1310, 6.1534, 7.7936



6.7436, 2.9275, 25.1173



0.1417, 0.0648, 0.3774

Inverse Universe

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



21.0720, 16.2316, 22.1016



35.4628, 25.0242, 35.6031



18.4687, 26.4469, 14.4879



6.3457, 6.2774, 7.2004



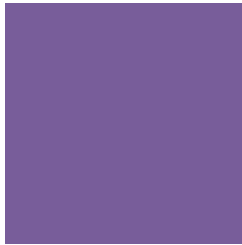
12.2387, 6.1497, 7.7822



0.2013, 0.0993, 0.2126

Previews

White Background



This preview shows how the XYZ color 17.4928, 14.1549, 32.3820 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 17.4928, 14.1549, 32.3820 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 17.4928, 14.1549, 32.3820

Background



This preview shows how black text looks on a background with the XYZ color 17.4928, 14.1549, 32.3820.



This preview shows how white text looks on a background with the XYZ color 17.4928, 14.1549,

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

17.4928, 14.1549, 32.3820

Protanopia

15.1173, 14.2297, 36.6002

Deuteranopia

14.5483, 14.1939, 31.6787



Tritanopia

14.2479, 14.0733, 16.7173

Trichromacy



Original Color

17.4928, 14.1549, 32.3820

Protanomaly

15.7368, 14.0031, 35.1312

Deuteranomaly

15.4525, 14.0669, 32.0377

Tritanomaly

15.2980, 14.0749, 21.6491

Monochromacy



Original Color

17.4928, 14.1549, 32.3820

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 17.4928, 14.1549, 32.3820 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(120, 93, 154)` looks like.

```
.text, #text, p{  
    color:rgb(120, 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(120, 93, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 93, 154) }
```

Border

The CSS property to change the border of an element to XYZ 17.4928, 14.1549, 32.3820 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(120, 93, 154) }
```


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

```
.border{ border-color:rgb(120, 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(120, 93, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 93, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 93, 154);  
box-shadow:4px 4px 4px 4px rgb(120, 93,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4928, 14.1549, 32.3820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 93, 154) }
```

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

```
.background{ background-color: rgb(120, 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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