

Converting Colors

XYZ(17.9085, 14.9145, 37.0573)

Have a look what the booklet for
XYZ(17.9085, 14.9145, 37.0573)
contains.

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Color

**XYZ(17.8786, 14.9264,
37.0607)**

Conversions

Conversions Part 1

Format	Color
Hex	7162A4
RGB	113, 98, 164
RGB Percent	44%, 38%, 64%
CMY	0.5569, 0.6157, 0.3569
CMYK	0.31, 0.40, 0.00, 0.36
HSL	254°, 27%, 51%
HSV	254°, 40%, 64%
XYZ	17.8786, 14.9264, 37.0607
YIQ	110.0090, -12.2460, 23.7060

Conversions

Conversions Part 2

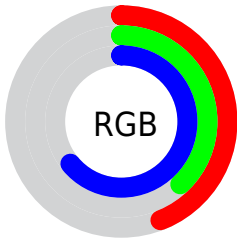
Format	Color
RYB	113, 98, 164
Decimal	7430820
CIELab	45.53, 21.26, -33.55
CIELCh	46, 39.716, 302.356
Yxy	14.9264, 0.2559, 0.2136
Android (android.graphics.Color)	4285620900 (0xFF7162A4)
YUV	110.0090, 26.6176, 2.6231
Hunter-Lab	38.6347, 14.9920, -29.8302

Details

The XYZ color **17.8786, 14.9264, 37.0607** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **27.8746, 33.8225, 16.6150**, and the grayscale version is **14.7526, 15.5209, 16.9023**.

A 20% lighter version of the original color is **39.2595, 34.7164, 71.6496**, and **6.0951, 4.5616, 15.8885** is the 20% darker color. If you saturate the color by 10%, you get **14.9804, 11.3833, 36.5298**, and if you desaturate by 10%, it is **21.3200, 19.2168, 37.7077**.

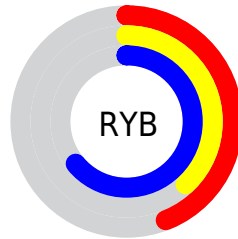
Distribution



Red (44%)

Green (38%)

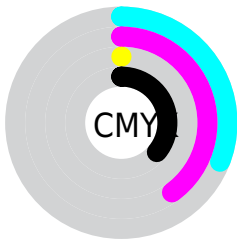
Blue (64%)



Red (44%)

Yellow (38%)

Blue (64%)

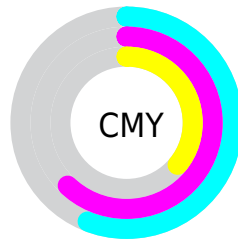


Cyan (31%)

Magenta (40%)

Yellow (0%)

Black (36%)



Cyan (56%)

Magenta (62%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.8786, 14.9264, 37.0607 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 17.8786, 14.9264, 37.0607 by changing the saturation by 10% instead.

■ 17.8786, 14.9264,
37.0607

■ 17.8786, 14.9264,
37.0607

233.2447,
222.9203, 348.7498

■ 10.9620, 8.7677,
24.9583

■ 39.3621, 34.7240,
71.8535

■ 6.1084, 4.5900,
15.8273

■ 54.6597, 49.1318,
95.3810

■ 2.9524, 2.0088,
9.2490

■ 73.4816, 67.0580,
123.5540

■ 1.1286, 0.6126,
4.8049

■ 96.1934, 88.8871,
156.7910

■ 0.0489, 0.0000,
2.0765

123.1602,
115.0035, 195.5105

■ 0.0000, 0.0000,
0.6017

154.7474,

■ 0.0000, 0.0000,

145.7916, 240.1312

0.0000

191.3205,
181.6357, 291.0714

■ 17.8786, 14.9264,
37.0607

■ 17.8786, 14.9264,
37.0607

■ 14.9804, 11.3833,
36.5298

■ 21.3200, 19.2168,
37.7077

■ 12.5950, 8.5422,
36.1072

■ 25.3295, 24.2928,
38.4762

■ 10.6914, 6.3557,
35.7855

■ 29.9323, 30.1919,
39.3722

■ 9.2346, 4.7694,
35.5561

■ 35.1517, 36.9489,
40.4014

■ 8.1839, 3.7200,
35.4089

■ 41.0098, 44.5965,
41.5687

■ 7.4738, 3.0788,
35.3225

■ 47.5273, 53.1656,
42.8792

■ 54.7242, 62.6856,
44.3374

■ 62.6196, 73.1848,
45.9479

■ 71.2318, 84.6901,
47.7147

Harmonies

Analogous

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



14.4507, 14.9264, 42.1613



17.8786, 14.9264, 37.0607



20.6149, 14.9264, 26.2770

Triad

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



17.8786, 14.9264, 37.0607



17.3543, 14.9264, 4.8526



8.7245, 14.9264, 17.0144

Complementary

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



17.8786, 14.9264, 37.0607



27.8746, 33.8225, 16.6150

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.



9.2571, 14.9264, 9.1694



17.8786, 14.9264, 37.0607



13.9267, 14.9264, 3.9861

Square

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



17.8786, 14.9264, 37.0607



20.2805, 14.9264, 8.3103



11.0423, 14.9264, 5.1956



9.4557, 14.9264, 28.1086

Rectangle

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



17.8786, 14.9264, 37.0607



21.4876, 14.9264, 18.8030



11.0423, 14.9264, 5.1956



8.7616, 14.9264, 13.9434

Sweetspot

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



17.8791, 14.9270, 37.0610



52.5876, 52.5581, 71.1254



22.5968, 26.9945, 39.1417



11.2683, 11.1968, 15.5048



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



17.8791, 14.9270, 37.0610



27.8416, 21.4486, 66.4249



22.7989, 17.4632, 37.2913



6.8441, 6.9340, 8.8807



5.7662, 2.3791, 27.0851



0.1587, 0.0694, 0.5709

Inverse Universe

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



25.1026, 18.7982, 30.7390



42.9018, 29.5333, 52.6321



22.7763, 31.1942, 16.3764



7.2951, 7.1745, 8.5405



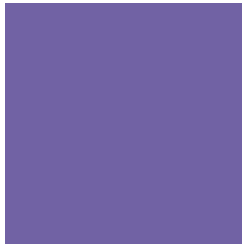
14.6810, 7.2284, 16.0424



0.3245, 0.1583, 0.4216

Previews

White Background



This preview shows how the XYZ color 17.8786, 14.9264, 37.0607 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 17.8786, 14.9264, 37.0607 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

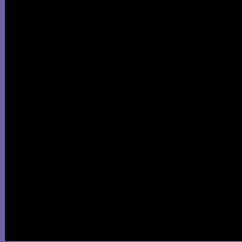
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.8786, 14.9264, 37.0607

Background



This preview shows how black text looks on a background with the XYZ color 17.8786, 14.9264, 37.0607.

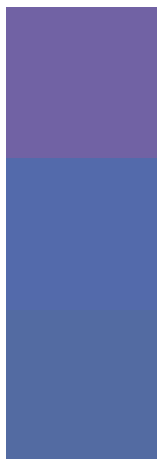


This preview shows how white text looks on a background with the XYZ color 17.8786, 14.9264,

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

17.8786, 14.9264, 37.0607

Protanopia

16.0720, 15.0873, 40.5931

Deuteranopia

15.3466, 14.9630, 36.2617



Tritanopia

14.1670, 14.8930, 18.9576

Trichromacy



Original Color

17.8786, 14.9264, 37.0607

Protanomaly

16.5342, 14.9073, 39.0517

Deuteranomaly

16.1773, 14.9247, 36.6784

Tritanomaly

15.3168, 14.7477, 24.5936

Monochromacy



Original Color

17.8786, 14.9264, 37.0607

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.7388, 15.2993, 23.2426

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.8786, 14.9264, 37.0607 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, 98, 164)` looks like.

```
.text, #text, p{  
    color:rgb(113, 98, 164)  
}
```

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, 98, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 98, 164) }
```

Border

The CSS property to change the border of an element to XYZ 17.8786, 14.9264, 37.0607 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, 98, 164) }
```


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

```
.border{ border-color:rgb(113, 98, 164) }
```

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

Here you see how a box with a 4 pixel rgb(113, 98, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 98, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 98, 164);  
box-shadow:4px 4px 4px 4px rgb(113, 98,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 17.8786, 14.9264, 37.0607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 98, 164) }
```

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

```
.background{ background-color: rgb(113, 98,  
164) }
```

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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