

Converting Colors

XYZ(17.4637, 14.1914, 36.0012)

Have a look what the booklet for
XYZ(17.4637, 14.1914, 36.0012)
contains.

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Color

**XYZ(17.4637, 14.1914,
36.0012)**

Conversions

Conversions Part 1

Format	Color
Hex	725EA2
RGB	114, 94, 162
RGB Percent	45%, 37%, 64%
CMY	0.5529, 0.6314, 0.3647
CMYK	0.30, 0.42, 0.00, 0.36
HSL	258°, 27%, 50%
HSV	258°, 42%, 64%
XYZ	17.4637, 14.1914, 36.0012
YIQ	107.7320, -9.9080, 25.3880

Conversions

Conversions Part 2

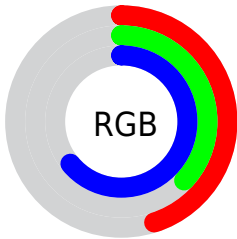
Format	Color
R_{YB}	114, 94, 162
Decimal	7495330
CIE _{Lab}	44.51, 23.45, -33.98
CIE _{LCh}	45, 41.283, 304.611
Yxy	14.1914, 0.2581, 0.2098
Android (android.graphics.Color)	4285685410 (0xFF725EA2)
YUV	107.7320, 26.7541, 5.4970
Hunter-Lab	37.6715, 16.8237, -30.2912

Details

The XYZ color **17.4637, 14.1914, 36.0012** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **26.0962, 32.3998, 15.4685**, and the grayscale version is **14.1088, 14.8436, 16.1647**.

A 20% lighter version of the original color is **38.5861, 33.4760, 70.0735**, and **5.8809, 4.2156, 15.2556** is the 20% darker color. If you saturate the color by 10%, you get **14.7760, 10.8873, 35.5054**, and if you desaturate by 10%, it is **20.6408, 18.1971, 36.6072**.

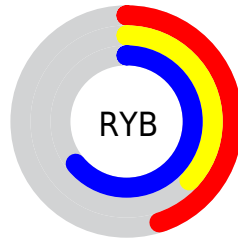
Distribution



Red (45%)

Green (37%)

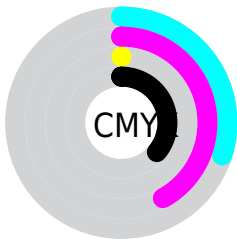
Blue (64%)



Red (45%)

Yellow (37%)

Blue (64%)

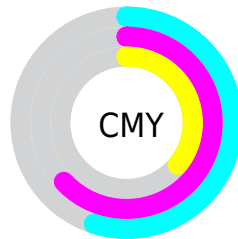


Cyan (30%)

Magenta (42%)

Yellow (0%)

Black (36%)



Cyan (55%)

Magenta (63%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4637, 14.1914, 36.0012 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 17.4637, 14.1914, 36.0012 by changing the saturation by 10% instead.

■ 17.4637, 14.1914,
36.0012

■ 17.4637, 14.1914,
36.0012

230.9351,
218.4183, 344.0034

■ 10.6630, 8.2539,
24.1454

■ 38.6586, 33.4283,
70.2030

■ 5.9063, 4.2578,
15.2283

■ 53.7836, 47.4964,
93.3861

■ 2.8283, 1.8188,
8.8314

■ 72.4139, 65.0436,
121.1820

■ 1.0636, 0.4989,
4.5361

■ 94.9151, 86.4541,
154.0093

■ 0.0000, 0.0000,
1.9238

121.6525,
112.1125, 192.2866

■ 0.0000, 0.0000,
0.5078

152.9913,

■ 0.0000, 0.0000,

142.4030, 236.4323

0.0000

189.2971,
177.7102, 286.8651

■ 17.4637, 14.1914,
36.0012

■ 17.4637, 14.1914,
36.0012

■ 14.7760, 10.8873,
35.5054

■ 20.6408, 18.1971,
36.6072

■ 12.5501, 8.2416,
35.1120

■ 24.3296, 22.9410,
37.3284

■ 10.7581, 6.2085,
34.8140

■ 28.5529, 28.4589,
38.1709

■ 9.3681, 4.7357,
34.6030

■ 33.3316, 34.7840,
39.1399

■ 8.3430, 3.7613,
34.4690

■ 38.6854, 41.9473,
40.2404

■ 7.7241, 3.2285,
34.3987

■ 44.6331, 49.9784,
41.4771

■ 51.1926, 58.9052,
42.8544

■ 58.3809, 68.7544,
44.3766

■ 66.2146, 79.5517,
46.0478

Harmonies

Analogous

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



14.0100, 14.1914, 41.8980



17.4637, 14.1914, 36.0012



20.1422, 14.1914, 24.7274

Triad

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



17.4637, 14.1914, 36.0012



16.4255, 14.1914, 4.0981



8.0583, 14.1914, 16.9742

Complementary

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



17.4637, 14.1914, 36.0012



26.0962, 32.3998, 15.4685

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.



8.4899, 14.1914, 8.8457



17.4637, 14.1914, 36.0012



12.9801, 14.1914, 3.4311

Square

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



17.4637, 14.1914, 36.0012



19.4769, 14.1914, 7.1989



10.1675, 14.1914, 4.7375



8.8737, 14.1914, 28.3894

Rectangle

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



17.4637, 14.1914, 36.0012



20.9233, 14.1914, 17.2396



10.1675, 14.1914, 4.7375



8.0636, 14.1914, 13.7925

Sweetspot

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



17.4642, 14.1919, 36.0015



50.8043, 50.3094, 69.0891



20.9205, 24.5537, 37.8194



11.0320, 10.8030, 15.4413



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.



17.4642, 14.1919, 36.0015



27.2841, 20.3221, 64.5406



22.6052, 16.8422, 36.2421



6.8872, 6.9562, 8.8828



6.1238, 2.5634, 27.1018



0.1737, 0.0771, 0.5716

Inverse Universe

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



23.7858, 17.6402, 27.7425



40.4783, 27.5338, 46.6414



21.2150, 29.8835, 15.2400



7.2751, 7.1665, 8.4352



14.1669, 7.0228, 13.3354



0.3167, 0.1552, 0.3806

Previews

White Background



This preview shows how the XYZ color 17.4637, 14.1914, 36.0012 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 17.4637, 14.1914, 36.0012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

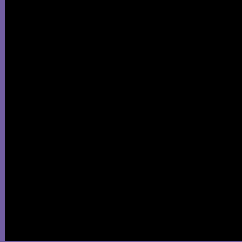
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.4637, 14.1914, 36.0012

Background



This preview shows how black text looks on a background with the XYZ color 17.4637, 14.1914, 36.0012.

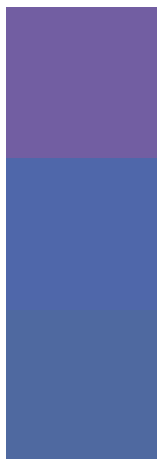


This preview shows how white text looks on a background with the XYZ color 17.4637, 14.1914,

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

17.4637, 14.1914, 36.0012

Protanopia

15.3304, 14.2650, 39.9756

Deuteranopia

14.6212, 14.3035, 35.2479



Tritanopia

13.7411, 14.2385, 17.6468

Trichromacy



Original Color

17.4637, 14.1914, 36.0012

Protanomaly

15.9459, 14.1797, 38.4557

Deuteranomaly

15.5003, 14.1559, 35.6336

Tritanomaly

14.9348, 14.1342, 23.4138

Monochromacy



Original Color

17.4637, 14.1914, 36.0012

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

15.1769, 14.5740, 22.4352

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4637, 14.1914, 36.0012 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, 94, 162)` looks like.

```
.text, #text, p{  
    color:rgb(114, 94, 162)  
}
```

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, 94, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 94, 162) }
```

Border

The CSS property to change the border of an element to XYZ 17.4637, 14.1914, 36.0012 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, 94, 162) }
```


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

```
.border{ border-color:rgb(114, 94, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 94, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(114, 94, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(114, 94, 162); box-shadow:4px 4px 4px 4px rgb(114, 94, 162) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4637, 14.1914, 36.0012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 94, 162) }
```

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

```
.background{ background-color: rgb(114, 94,  
162) }
```

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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