

Converting Colors

XYZ(17.1961, 15.7377, 29.6590)

Have a look what the booklet for
XYZ(17.1961, 15.7377, 29.6590)
contains.

XYZ(17.2575, 15.7871, 29.7414)	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(17.2575, 15.7871,
29.7414)**

Conversions

Conversions Part 1

Format	Color
Hex	726993
RGB	114, 105, 147
RGB Percent	45%, 41%, 58%
CMY	0.5529, 0.5882, 0.4235
CMYK	0.22, 0.29, 0.00, 0.42
HSL	253°, 17%, 49%
HSV	253°, 29%, 58%
XYZ	17.2575, 15.7871, 29.7414
YIQ	112.4790, -8.1180, 14.9700

Conversions

Conversions Part 2

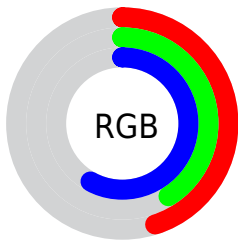
Format	Color
RYB	114, 105, 147
Decimal	7498131
CIELab	46.69, 12.90, -21.67
CIElCh	47, 25.220, 300.752
Yxy	15.7871, 0.2749, 0.2514
Android (android.graphics.Color)	4285688211 (0xFF726993)
YUV	112.4790, 17.0189, 1.3339
Hunter-Lab	39.7330, 7.9964, -16.5674

Details

The XYZ color **17.2575, 15.7871, 29.7414** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **23.4650, 27.2909, 17.3961**, and the grayscale version is **15.4955, 16.3025, 17.7534**.

A 20% lighter version of the original color is **38.1570, 36.1010, 60.2154**, and **5.8043, 4.9945, 11.7244** is the 20% darker color. If you saturate the color by 10%, you get **14.4791, 12.3213, 29.2191**, and if you desaturate by 10%, it is **20.4855, 19.8697, 30.3595**.

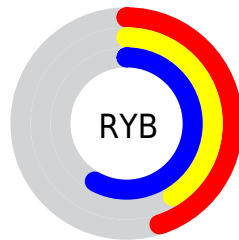
Distribution



Red (45%)

Green (41%)

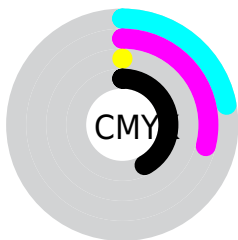
Blue (58%)



Red (45%)

Yellow (41%)

Blue (58%)

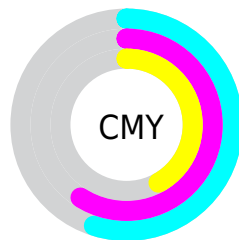


Cyan (22%)

Magenta (29%)

Yellow (0%)

Black (42%)



Cyan (55%)

Magenta (59%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2575, 15.7871, 29.7414 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 17.2575, 15.7871, 29.7414 by changing the saturation by 10% instead.

■ 17.2575, 15.7871,
29.7414

■ 17.2575, 15.7871,
29.7414

229.7794,
228.0821, 314.8669

■ 10.5147, 9.3736,
19.3920

■ 38.3081, 36.2282,
60.3091

■ 5.8064, 4.9857,
11.7742

■ 53.3465, 51.0246,
81.3646

■ 2.7673, 2.2389,
6.4694

■ 71.8809, 69.3841,
106.8257

■ 1.0319, 0.7411,
3.0592

■ 94.2766, 91.6912,
137.1112

■ 0.0000, 0.0000,
1.1249

120.8990,
118.3301, 172.6395

■ 0.0000, 0.0000,
0.0000

152.1133,

149.6853, 213.8292

188.2850,
186.1412, 261.0988

■ 17.2575, 15.7871,
29.7414

■ 17.2575, 15.7871,
29.7414

■ 14.4791, 12.3213,
29.2191

■ 20.4855, 19.8697,
30.3595

■ 12.1284, 9.4400,
28.7869

■ 24.1806, 24.5952,
31.0769

■ 10.1839, 7.1111,
28.4398

■ 28.3611, 29.9907,
31.8980

■ 8.6216, 5.2983,
28.1723

■ 33.0442, 36.0812,
32.8268

■ 7.4148, 3.9611,
27.9778

■ 38.2458, 42.8903,
33.8669

■ 6.5331, 3.0526,
27.8489

■ 43.9815, 50.4404,
35.0219

■ 5.9214, 2.4781,
27.7702

■ 50.2659, 58.7531,
36.2952

■ 5.8468, 2.4058,
27.7602

■ 57.1132, 67.8491,
37.6900

■ 64.5372, 77.7483,
39.2095

Harmonies

Analogous

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



15.0604, 15.7871, 32.2454



17.2575, 15.7871, 29.7414



18.9774, 15.7871, 23.7637

Triad

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



17.2575, 15.7871, 29.7414



17.1528, 15.7871, 8.6835



11.1842, 15.7871, 17.3479

Complementary

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



17.2575, 15.7871, 29.7414



23.4650, 27.2909, 17.3961

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.



11.6299, 15.7871, 11.9555



17.2575, 15.7871, 29.7414



14.9501, 15.7871, 7.7471

Square

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



17.2575, 15.7871, 29.7414



18.9129, 15.7871, 11.7420



12.9579, 15.7871, 8.7841



11.6765, 15.7871, 24.1049

Rectangle

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



17.2575, 15.7871, 29.7414



19.5455, 15.7871, 19.1964



12.9579, 15.7871, 8.7841



11.2288, 15.7871, 15.3275

Sweetspot

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



17.2580, 15.7877, 29.7418



42.8721, 43.4918, 55.5697



20.2674, 23.4599, 31.0640



9.5745, 9.6558, 12.6439



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



17.2580, 15.7877, 29.7418



27.7633, 24.3413, 52.6696



20.2139, 17.3115, 29.8801



5.6088, 5.6893, 7.2723



5.0869, 2.0950, 24.0673



0.0832, 0.0365, 0.2956

Inverse Universe

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



21.6720, 18.1417, 26.4044



37.0057, 29.2750, 45.4601



20.4009, 25.7113, 17.2527



5.9826, 5.8881, 7.0148



13.1486, 6.4645, 14.7955



0.1716, 0.0834, 0.2372

Previews

White Background



This preview shows how the XYZ color 17.2575, 15.7871, 29.7414 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 17.2575, 15.7871, 29.7414 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 17.2575, 15.7871, 29.7414

Background



This preview shows how black text looks on a background with the XYZ color 17.2575, 15.7871, 29.7414.



This preview shows how white text looks on a background with the XYZ color 17.2575, 15.7871,

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

17.2575, 15.7871, 29.7414

Protanopia

16.1192, 15.7919, 31.0527

Deuteranopia

16.1364, 15.8374, 29.4006



Tritanopia

15.2124, 15.7350, 19.6881

Trichromacy



Original Color

17.2575, 15.7871, 29.7414

Protanomaly

16.4963, 15.8381, 30.6214

Deuteranomaly

16.4947, 15.8646, 29.3869

Tritanomaly

15.8806, 15.6896, 22.9603

Monochromacy



Original Color

17.2575, 15.7871, 29.7414

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.9804, 15.9287, 21.6343

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2575, 15.7871, 29.7414 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, 105, 147)` looks like.

```
.text, #text, p{  
    color:rgb(114, 105, 147)  
}
```

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, 105, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 105, 147) }
```

Border

The CSS property to change the border of an element to XYZ 17.2575, 15.7871, 29.7414 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, 105, 147) }
```


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

```
.border{ border-color:rgb(114, 105, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 105, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 105, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 105, 147);  
box-shadow:4px 4px 4px 4px rgb(114, 105,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2575, 15.7871, 29.7414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 105, 147) }
```

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

```
.background{ background-color: rgb(114,  
105, 147) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor