

Converting Colors

XYZ(17.1881, 14.5628, 30.0255)

Have a look what the booklet for
XYZ(17.1881, 14.5628, 30.0255)
contains.

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Color

**XYZ(17.2277, 14.6094,
29.9289)**

Conversions

Conversions Part 1

Format	Color
Hex	776194
RGB	119, 97, 148
RGB Percent	47%, 38%, 58%
CMY	0.5333, 0.6196, 0.4196
CMYK	0.20, 0.34, 0.00, 0.42
HSL	266°, 21%, 48%
HSV	266°, 34%, 58%
XYZ	17.2277, 14.6094, 29.9289
YIQ	109.3920, -3.2590, 20.5250

Conversions

Conversions Part 2

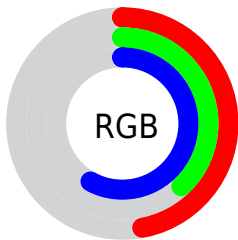
Format	Color
R _Y B	119, 97, 148
Decimal	7823764
CIE Lab	45.09, 19.63, -24.70
CIE LCh	45, 31.551, 308.467
Yxy	14.6094, 0.2789, 0.2365
Android (android.graphics.Color)	4286013844 (0xFF776194)
YUV	109.3920, 19.0337, 8.4262
Hunter-Lab	38.2222, 13.5654, -19.6699

Details

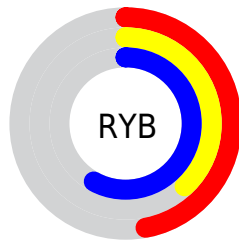
The XYZ color **17.2277, 14.6094, 29.9289** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **21.3522, 26.4789, 15.2954**, and the grayscale version is **14.5958, 15.3559, 16.7226**.

A 20% lighter version of the original color is **38.2638, 34.2147, 60.4645**, and **5.7525, 4.4095, 11.8572** is the 20% darker color. If you saturate the color by 10%, you get **14.8814, 11.5560, 29.4634**, and if you desaturate by 10%, it is **19.9324, 18.2270, 30.4849**.

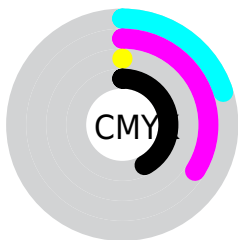
Distribution



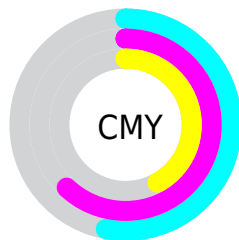
- Red (47%)
- Green (38%)
- Blue (58%)



- Red (47%)
- Yellow (38%)
- Blue (58%)



- Cyan (20%)
- Magenta (34%)
- Yellow (0%)
- Black (42%)



- Cyan (53%)
- Magenta (62%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2277, 14.6094, 29.9289 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 17.2277, 14.6094, 29.9289 by changing the saturation by 10% instead.

■ 17.2277, 14.6094,
29.9289

■ 17.2277, 14.6094,
29.9289

229.6119,
220.9897, 315.7699

■ 10.4933, 8.5457,
19.5330

■ 38.2573, 34.1665,
60.6094

■ 5.7920, 4.4461,
11.8754

■ 53.2833, 48.4287,
81.7311

■ 2.7585, 1.9261,
6.5374

■ 71.8038, 66.1925,
107.2652

■ 1.0274, 0.5640,
3.1005

■ 94.1842, 87.8423,
137.6302

■ 0.0000, 0.0000,
1.1462

120.7898,
113.7625, 173.2446

■ 0.0000, 0.0000,
0.0000

151.9861,

144.3376, 214.5270

188.1383,
179.9518, 261.8959

■ 17.2277, 14.6094,
29.9289

■ 17.2277, 14.6094,
29.9289

■ 14.8814, 11.5560,
29.4634

■ 19.9324, 18.2270,
30.4849

■ 12.8753, 9.0352,
29.0826

■ 23.0097, 22.4347,
31.1348

■ 11.1913, 7.0149,
28.7814

■ 26.4748, 27.2585,
31.8833

■ 9.8092, 5.4589,
28.5539

■ 30.3415, 32.7228,
32.7342

■ 8.7061, 4.3256,
28.3933

■ 34.6229, 38.8504,
33.6913

7.8538, 3.5634,
28.2911

39.3315, 45.6629,
34.7581

7.4495, 3.2229,
28.2467

44.4794, 53.1810,
35.9379

50.0779, 61.4246,
37.2340

56.1381, 70.4127,
38.6495

Harmonies

Analogous

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



14.6337, 14.6094, 34.6478



17.2277, 14.6094, 29.9289



19.0652, 14.6094, 21.7516

Triad

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



17.2277, 14.6094, 29.9289



15.7995, 14.6094, 5.9714



9.5110, 14.6094, 18.1059

Complementary

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



17.2277, 14.6094, 29.9289



21.3522, 26.4789, 15.2954

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.



9.7413, 14.6094, 11.2163



17.2277, 14.6094, 29.9289



13.1638, 14.6094, 5.5439

Square

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



17.2277, 14.6094, 29.9289



18.1717, 14.6094, 8.5692



11.0067, 14.6094, 7.1349



10.3331, 14.6094, 26.5586

Rectangle

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



17.2277, 14.6094, 29.9289



19.4965, 14.6094, 16.2927



11.0067, 14.6094, 7.1349



9.4702, 14.6094, 15.5278

Sweetspot

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



17.2282, 14.6100, 29.9292



43.1176, 43.0736, 55.4761



17.8327, 19.7942, 30.8980



9.6675, 9.5892, 12.6262



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.



17.2282, 14.6100, 29.9292



27.2907, 21.7185, 52.1883



21.0784, 16.5948, 30.1094



5.7226, 5.7480, 7.2776



6.3932, 2.7684, 24.1284



0.1110, 0.0507, 0.2968

Inverse Universe

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



20.2538, 16.3522, 21.8280



33.5580, 25.3317, 35.2098



18.1429, 24.8244, 15.1452



5.9306, 5.8673, 6.7409



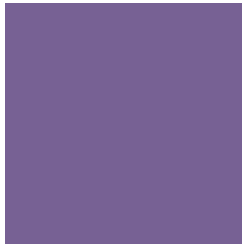
11.8176, 5.9321, 7.7865



0.1595, 0.0785, 0.1733

Previews

White Background



This preview shows how the XYZ color 17.2277, 14.6094, 29.9289 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 17.2277, 14.6094, 29.9289 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 17.2277, 14.6094, 29.9289

Background



This preview shows how black text looks on a background with the XYZ color 17.2277, 14.6094, 29.9289.



This preview shows how white text looks on a background with the XYZ color 17.2277, 14.6094,

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

17.2277, 14.6094, 29.9289

Protanopia

15.2824, 14.6939, 33.0411

Deuteranopia

14.9592, 14.6114, 29.2260



Tritanopia

14.6850, 14.5812, 17.3697

Trichromacy



Original Color

17.2277, 14.6094, 29.9289

Protanomaly

15.7857, 14.5364, 31.6796

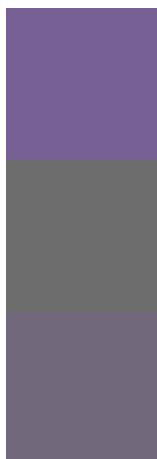
Deuteranomaly

15.7268, 14.5524, 29.5838

Tritanomaly

15.4256, 14.4329, 21.3748

Monochromacy



Original Color

17.2277, 14.6094, 29.9289

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

15.4368, 15.0439, 20.8291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2277, 14.6094, 29.9289 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, 97, 148)` looks like.

```
.text, #text, p{  
    color:rgb(119, 97, 148)  
}
```

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, 97, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 97, 148) }
```

Border

The CSS property to change the border of an element to XYZ 17.2277, 14.6094, 29.9289 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, 97, 148) }
```


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

```
.border{ border-color:rgb(119, 97, 148) }
```

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

Here you see how a box with a 4 pixel rgb(119, 97, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 97, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 97, 148);  
box-shadow:4px 4px 4px 4px rgb(119, 97,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2277, 14.6094, 29.9289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 97, 148) }
```

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

```
.background{ background-color: rgb(119, 97,  
148) }
```

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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