

Converting Colors

XYZ(14.6673, 12.7857, 22.3909)

Have a look what the booklet for
XYZ(14.6673, 12.7857, 22.3909)
contains.

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Color

**XYZ(14.7290, 12.8167,
22.4664)**

Conversions

Conversions Part 1

Format	Color
Hex	725C81
RGB	114, 92, 129
RGB Percent	45%, 36%, 51%
CMY	0.5529, 0.6392, 0.4941
CMYK	0.12, 0.29, 0.00, 0.49
HSL	276°, 17%, 43%
HSV	276°, 29%, 51%
XYZ	14.7290, 12.8167, 22.4664
YIQ	102.7960, 1.2350, 16.1710

Conversions

Conversions Part 2

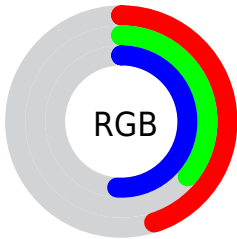
Format	Color
R_{YB}	114, 92, 129
Decimal	7494785
CIE _{Lab}	42.49, 16.47, -17.35
CIE _{LCh}	42, 23.919, 313.518
Yxy	12.8167, 0.2945, 0.2563
Android (android.graphics.Color)	4285684865 (0xFF725C81)
YUV	102.7960, 12.9186, 9.8259
Hunter-Lab	35.8004, 10.7877, -12.1469

Details

The XYZ color **14.7290, 12.8167, 22.4664** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **15.8459, 19.5993, 13.0737**, and the grayscale version is **12.8054, 13.4723, 14.6713**.

A 20% lighter version of the original color is **33.8424, 30.8304, 48.4231**, and **4.6049, 3.6570, 8.0526** is the 20% darker color. If you saturate the color by 10%, you get **13.0444, 10.4285, 22.0944**, and if you desaturate by 10%, it is **16.6436, 15.6067, 22.9042**.

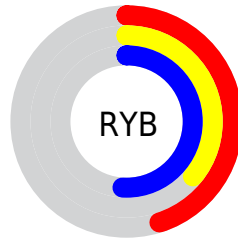
Distribution



Red (45%)

Green (36%)

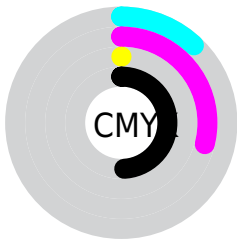
Blue (51%)



Red (45%)

Yellow (36%)

Blue (51%)

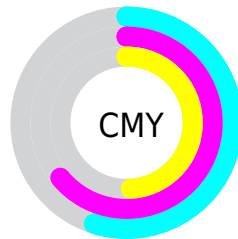


Cyan (12%)

Magenta (29%)

Yellow (0%)

Black (49%)



Cyan (55%)

Magenta (64%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7290, 12.8167, 22.4664 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 14.7290, 12.8167, 22.4664 by changing the saturation by 10% instead.

■ 14.7290, 12.8167,
22.4664

■ 14.7290, 12.8167,
22.4664

215.1411,
209.7396, 278.0049

■ 8.7145, 7.3024,
13.9984

■ 33.9526, 30.9741,
48.4277

■ 4.6110, 3.6520,
7.9808

■ 47.8925, 44.3860,
66.7581

■ 2.0533, 1.4808,
3.9951

■ 65.2048, 61.1993,
89.2130

■ 0.6636, 0.2752,
1.6226

■ 86.2549, 81.7983,
116.2110

■ 0.0000, 0.0000,
0.3069

111.4083,
106.5674, 148.1707

■ 0.0000, 0.0000,
0.0000

141.0302,

135.8911, 185.5105

175.4860,
170.1537, 228.6491

■ 14.7290, 12.8167,
22.4664

■ 14.7290, 12.8167,
22.4664

■ 13.0444, 10.4285,
22.0944

■ 16.6436, 15.6067,
22.9042

■ 11.5783, 8.4208,
21.7842

■ 18.7967, 18.8150,
23.4100

■ 10.3201, 6.7729,
21.5324

■ 21.1975, 22.4593,
23.9869

■ 9.2573, 5.4613,
21.3352

■ 23.8546, 26.5558,
24.6375

■ 8.3765, 4.4596,
21.1883

■ 26.7761, 31.1196,
25.3645

7.6617, 3.7373,
21.0866

29.9698, 36.1655,
26.1701

7.0732, 3.2161,
21.0170

33.4429, 41.7073,
27.0567

6.9990, 3.1504,
21.0082

37.2026, 47.7583,
28.0265

41.2556, 54.3315,
29.0817

Harmonies

Analogous

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



13.0106, 12.8167, 26.0091



14.7290, 12.8167, 22.4664



15.8187, 12.8167, 16.9666

Triad

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



14.7290, 12.8167, 22.4664



13.1924, 12.8167, 6.4342



9.1119, 12.8167, 16.4077

Complementary

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



14.7290, 12.8167, 22.4664



15.8459, 19.5993, 13.0737

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.



9.1502, 12.8167, 11.3231



14.7290, 12.8167, 22.4664



11.3892, 12.8167, 6.3552

Square

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



14.7290, 12.8167, 22.4664



14.8734, 12.8167, 8.1731



9.9468, 12.8167, 7.9215



9.8364, 12.8167, 21.9712

Rectangle

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



14.7290, 12.8167, 22.4664



15.9810, 12.8167, 13.3546



9.9468, 12.8167, 7.9215



9.0383, 12.8167, 14.5735

Sweetspot

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



14.7294, 12.8172, 22.4667



33.4448, 33.3690, 41.8706



13.6778, 14.4633, 22.8398



7.4569, 7.3830, 9.4504



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



14.7294, 12.8172, 22.4667



24.4837, 20.2532, 39.8113



16.6413, 13.8262, 21.5023



4.3347, 4.3282, 5.4202



6.8288, 3.0741, 20.4834



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.5347, 13.3835, 15.6751



26.2278, 21.4727, 25.4179



14.3337, 18.8039, 13.7210



4.3944, 4.3709, 4.8814



9.4400, 4.7957, 3.6406



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.7290, 12.8167, 22.4664 looks on a white background.

Color Contrast Check

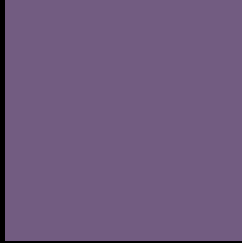
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.7290, 12.8167, 22.4664 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 14.7290, 12.8167, 22.4664

Background



This preview shows how black text looks on a background with the XYZ color 14.7290, 12.8167, 22.4664.



This preview shows how white text looks on a background with the XYZ color 14.7290, 12.8167,

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

14.7290, 12.8167, 22.4664

Protanopia

13.0793, 12.8691, 24.3489

Deuteranopia

13.1820, 12.9690, 22.2306



Tritanopia

13.2038, 12.8639, 14.8838

Trichromacy



Original Color

14.7290, 12.8167, 22.4664

Protanomaly

13.4933, 12.6843, 23.5669

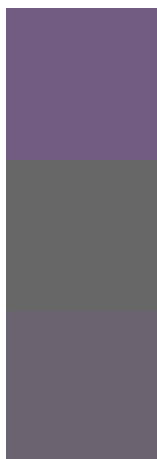
Deuteranomaly

13.6727, 12.8078, 22.1736

Tritanomaly

13.6284, 12.7562, 17.3667

Monochromacy



Original Color

14.7290, 12.8167, 22.4664

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

13.4499, 13.2193, 17.1719

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7290, 12.8167, 22.4664 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, 92, 129)` looks like.

```
.text, #text, p{  
    color:rgb(114, 92, 129)  
}
```

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, 92, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 92, 129) }
```

Border

The CSS property to change the border of an element to XYZ 14.7290, 12.8167, 22.4664 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, 92, 129) }
```


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

```
.border{ border-color:rgb(114, 92, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 92, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 92, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 92, 129);  
box-shadow:4px 4px 4px 4px rgb(114, 92,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7290, 12.8167, 22.4664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 92, 129) }
```

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

```
.background{ background-color: rgb(114, 92,  
129) }
```

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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