

Converting Colors

XYZ(14.1898, 10.6947, 28.8078)

Have a look what the booklet for
XYZ(14.1898, 10.6947, 28.8078)
contains.

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Color

**XYZ(14.2270, 10.6655,
28.9126)**

Conversions

Conversions Part 1

Format	Color
Hex	6D4D93
RGB	109, 77, 147
RGB Percent	43%, 30%, 58%
CMY	0.5725, 0.6980, 0.4235
CMYK	0.26, 0.48, 0.00, 0.42
HSL	267°, 31%, 44%
HSV	267°, 48%, 58%
XYZ	14.2270, 10.6655, 28.9126
YIQ	94.5480, -3.3980, 28.5540

Conversions

Conversions Part 2

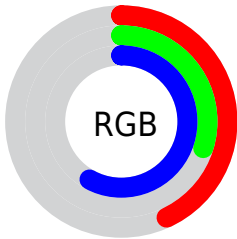
Format	Color
R _{YB}	109, 77, 147
Decimal	7163283
CIE Lab	39.01, 28.36, -33.70
CIE LCh	39, 44.048, 310.080
Yxy	10.6655, 0.2644, 0.1982
Android (android.graphics.Color)	4285353363 (0xFF6D4D93)
YUV	94.5480, 25.8588, 12.6744
Hunter-Lab	32.6581, 20.6092, -29.6295

Details

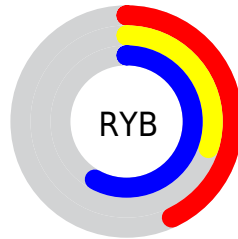
The XYZ color **14.2270, 10.6655, 28.9126** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **18.8437, 25.0483, 10.8631**, and the grayscale version is **10.7106, 11.2684, 12.2713**.

A 20% lighter version of the original color is **33.0323, 27.0772, 58.7438**, and **4.4049, 2.7543, 11.3658** is the 20% darker color. If you saturate the color by 10%, you get **12.3749, 8.3527, 28.5640**, and if you desaturate by 10%, it is **16.4015, 13.4900, 29.3434**.

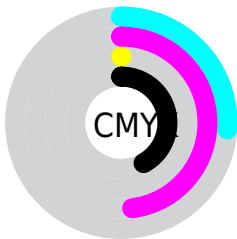
Distribution



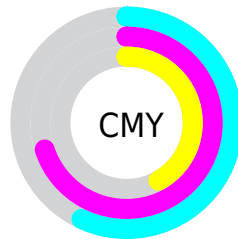
- Red (43%)
- Green (30%)
- Blue (58%)



- Red (43%)
- Yellow (30%)
- Blue (58%)



- Cyan (26%)
- Magenta (48%)
- Yellow (0%)
- Black (42%)



- Cyan (57%)
- Magenta (70%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2270, 10.6655, 28.9126 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 14.2270, 10.6655, 28.9126 by changing the saturation by 10% instead.

■ 14.2270, 10.6655,
28.9126

■ 14.2270, 10.6655,
28.9126

212.1209,
195.3581, 310.8504

■ 8.3615, 5.8424,
18.7697

■ 33.0742, 27.0399,
58.9787

■ 4.3808, 2.7495,
11.3289

■ 46.7865, 39.3601,
79.7390

■ 1.9198, 1.0024,
6.1715

■ 63.8452, 54.9480,
104.8756

■ 0.5883, 0.0000,
2.8792

■ 84.6156, 74.1880,
134.8068

■ 0.0000, 0.0000,
1.0333

■ 109.4630, 97.4647,
169.9514

■ 0.0000, 0.0000,
0.0000

138.7528,

125.1623, 210.7278

172.8503,
157.6653, 257.5547

■ 14.2270, 10.6655,
28.9126

■ 14.2270, 10.6655,
28.9126

■ 12.3749, 8.3527,
28.5640

■ 16.4015, 13.4900,
29.3434

■ 10.8257, 6.5174,
28.2914

■ 18.9139, 16.8548,
29.8604

■ 9.5596, 5.1231,
28.0890

■ 21.7799, 20.7879,
30.4685

■ 8.5533, 4.1270,
27.9498

■ 25.0139, 25.3150,
31.1719

■ 7.7660, 3.4516,
27.8609

■ 28.6295, 30.4601,
31.9744

■ 7.5951, 3.3070,
27.8420

■ 32.6395, 36.2459,
32.8799

■ 37.0561, 42.6940,
33.8917

■ 41.8910, 49.8248,
35.0132

■ 47.1552, 57.6580,
36.2478

Harmonies

Analogous

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



11.1585, 10.6655, 35.9364



14.2270, 10.6655, 28.9126



16.4302, 10.6655, 18.0437

Triad

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



14.2270, 10.6655, 28.9126



12.1864, 10.6655, 2.0765



5.5303, 10.6655, 14.6810

Complementary

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



14.2270, 10.6655, 28.9126



18.8437, 25.0483, 10.8631

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.



5.6995, 10.6655, 6.9266



14.2270, 10.6655, 28.9126



9.1803, 10.6655, 1.8568

Square

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



14.2270, 10.6655, 28.9126



15.1034, 10.6655, 4.0001



6.9176, 10.6655, 3.1112



6.3999, 10.6655, 25.4554

Rectangle

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



14.2270, 10.6655, 28.9126



16.9010, 10.6655, 11.5904



6.9176, 10.6655, 3.1112



5.4723, 10.6655, 11.6355

Sweetspot

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



14.2274, 10.6659, 28.9128



40.8588, 39.8076, 54.9647



14.5152, 16.0605, 29.9389



9.0735, 8.7339, 12.4924



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.



14.2274, 10.6659, 28.9128



21.9939, 14.7545, 51.1233



19.3351, 13.2990, 29.1519



5.7363, 5.7550, 7.2782



6.6125, 2.8814, 24.1387



0.1143, 0.0524, 0.2970

Inverse Universe

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



17.7812, 12.7489, 17.7433



29.4227, 19.1147, 27.5001



15.1242, 23.1308, 10.6891



5.9245, 5.8649, 6.7088



11.6931, 5.8823, 7.1309



0.1580, 0.0780, 0.1657

Previews

White Background



This preview shows how the XYZ color 14.2270, 10.6655, 28.9126 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 14.2270, 10.6655, 28.9126 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 14.2270, 10.6655, 28.9126

Background



This preview shows how black text looks on a background with the XYZ color 14.2270, 10.6655, 28.9126.



This preview shows how white text looks on a background with the XYZ color 14.2270, 10.6655,

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

14.2270, 10.6655, 28.9126

Protanopia

11.9008, 10.8397, 34.2659

Deuteranopia

11.0412, 10.7917, 27.8866



Tritanopia

10.9392, 10.6986, 12.5548

Trichromacy



Original Color

14.2270, 10.6655, 28.9126

Protanomaly

12.3893, 10.5258, 32.3890

Deuteranomaly

11.9124, 10.6101, 28.2082

Tritanomaly

11.9365, 10.6184, 17.6401

Monochromacy



Original Color

14.2270, 10.6655, 28.9126

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

11.7825, 10.9037, 17.4032

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2270, 10.6655, 28.9126 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(109, 77, 147)` looks like.

```
.text, #text, p{  
    color:rgb(109, 77, 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(109, 77, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 77, 147) }
```

Border

The CSS property to change the border of an element to XYZ 14.2270, 10.6655, 28.9126 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(109, 77, 147) }
```


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

```
.border{ border-color:rgb(109, 77, 147) }
```

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

Here you see how a box with a 4 pixel rgb(109, 77, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 77, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 77, 147);  
box-shadow:4px 4px 4px 4px rgb(109, 77,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2270, 10.6655, 28.9126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 77, 147) }
```

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

```
.background{ background-color: rgb(109, 77,  
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](#).

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