

Converting Colors

XYZ(14.3238, 10.5489, 31.5981)

Have a look what the booklet for
XYZ(14.3238, 10.5489, 31.5981)
contains.

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Color

**XYZ(14.2781, 10.5330,
31.4175)**

Conversions

Conversions Part 1

Format	Color
Hex	6A4C99
RGB	106, 76, 153
RGB Percent	42%, 30%, 60%
CMY	0.5843, 0.7020, 0.4000
CMYK	0.31, 0.50, 0.00, 0.40
HSL	263°, 34%, 45%
HSV	263°, 50%, 60%
XYZ	14.2781, 10.5330, 31.4175
YIQ	93.7480, -6.8370, 30.3070

Conversions

Conversions Part 2

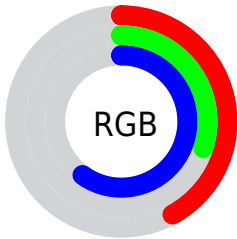
Format	Color
R_{YB}	106, 76, 153
Decimal	6966425
CIE _{Lab}	38.78, 29.66, -37.71
CIE _{LCh}	39, 47.977, 308.191
Yxy	10.5330, 0.2539, 0.1873
Android (android.graphics.Color)	4285156505 (0xFF6A4C99)
YUV	93.7480, 29.2112, 10.7450
Hunter-Lab	32.4546, 21.7339, -34.6772

Details

The XYZ color **14.2781, 10.5330, 31.4175** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **20.8643, 27.5154, 11.0492**, and the grayscale version is **10.5148, 11.0624, 12.0469**.

A 20% lighter version of the original color is **33.1441, 26.8467, 63.1096**, and **4.3888, 2.6804, 12.5980** is the 20% darker color. If you saturate the color by 10%, you get **12.2967, 8.1286, 31.0580**, and if you desaturate by 10%, it is **16.6319, 13.5019, 31.8667**.

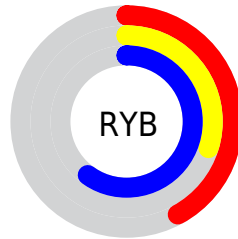
Distribution



Red (42%)

Green (30%)

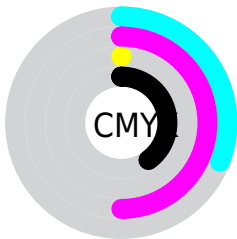
Blue (60%)



Red (42%)

Yellow (30%)

Blue (60%)

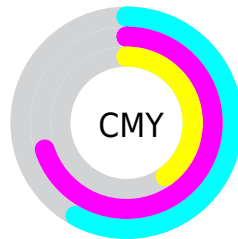


Cyan (31%)

Magenta (50%)

Yellow (0%)

Black (40%)



Cyan (58%)

Magenta (70%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2781, 10.5330, 31.4175 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 14.2781, 10.5330, 31.4175 by changing the saturation by 10% instead.

■ 14.2781, 10.5330,
31.4175

■ 14.2781, 10.5330,
31.4175

212.4303,
194.4350, 322.8677

■ 8.3973, 5.7538,
20.6558

■ 33.1638, 26.7933,
62.9840

■ 4.4042, 2.6959,
12.6839

■ 46.8995, 39.0432,
84.6260

■ 1.9332, 0.9751,
7.0831

■ 63.9842, 54.5520,
110.7319

■ 0.5960, 0.0000,
3.4349

■ 84.7832, 73.7043,
141.7201

■ 0.0000, 0.0000,
1.3207

■ 109.6620, 96.8843,
178.0092

■ 0.0000, 0.0000,
0.0787

138.9859,

■ 0.0000, 0.0000,

124.4765, 220.0179

0.0000

173.1202,
156.8653, 268.1645

■ 14.2781, 10.5330,
31.4175

■ 14.2781, 10.5330,
31.4175

■ 12.2967, 8.1286,
31.0580

■ 16.6319, 13.5019,
31.8667

■ 10.6645, 6.2494,
30.7813

■ 19.3769, 17.0685,
32.4104

■ 9.3574, 4.8527,
30.5806

■ 22.5318, 21.2648,
33.0541

■ 8.3471, 3.8883,
30.4477

■ 26.1139, 26.1204,
33.8025

■ 7.5899, 3.2486,
30.3642

■ 30.1393, 31.6626,
34.6601

■ 34.6234, 37.9173,
35.6311

■ 39.5806, 44.9091,
36.7194

■ 45.0247, 52.6613,
37.9288

■ 50.9692, 61.1963,
39.2629

Harmonies

Analogous

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



10.9062, 10.5330, 38.9212



14.2781, 10.5330, 31.4175



16.8128, 10.5330, 19.2635

Triad

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



14.2781, 10.5330, 31.4175



12.4538, 10.5330, 1.6921



5.1045, 10.5330, 14.1433

Complementary

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



14.2781, 10.5330, 31.4175



20.8643, 27.5154, 11.0492

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.



5.3473, 10.5330, 6.1242



14.2781, 10.5330, 31.4175



9.1668, 10.5330, 1.4099

Square

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



14.2781, 10.5330, 31.4175



15.6140, 10.5330, 3.7014



6.6925, 10.5330, 2.4869



5.9403, 10.5330, 26.0230

Rectangle

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



14.2781, 10.5330, 31.4175



17.4330, 10.5330, 12.0291



6.6925, 10.5330, 2.4869



5.0668, 10.5330, 10.9259

Sweetspot

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



14.2785, 10.5334, 31.4177



43.4806, 42.3053, 59.8460



15.8736, 18.1229, 32.7986



9.3314, 8.9766, 13.1583



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



14.2785, 10.5334, 31.4177



21.7464, 14.2320, 55.5729



19.8390, 13.3999, 31.6780



6.1007, 6.1378, 7.7921



6.3082, 2.7031, 25.0970



0.1332, 0.0605, 0.3770

Inverse Universe

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



19.2967, 13.3716, 20.3028



32.0637, 20.0817, 32.0651



16.4408, 25.2350, 10.8422



6.3592, 6.2828, 7.2715



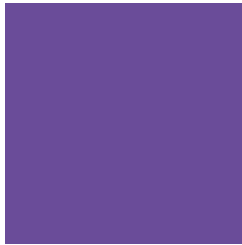
12.5213, 6.2627, 9.2699



0.2050, 0.1007, 0.2321

Previews

White Background



This preview shows how the XYZ color 14.2781, 10.5330, 31.4175 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 14.2781, 10.5330, 31.4175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

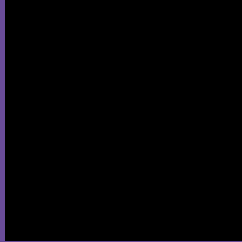
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.2781, 10.5330, 31.4175

Background



This preview shows how black text looks on a background with the XYZ color 14.2781, 10.5330, 31.4175.



This preview shows how white text looks on a background with the XYZ color 14.2781, 10.5330,

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

14.2781, 10.5330, 31.4175

Protanopia

11.9766, 10.6822, 37.5070

Deuteranopia

10.9077, 10.6685, 30.3385



Tritanopia

10.5331, 10.6083, 12.8017

Trichromacy



Original Color

14.2781, 10.5330, 31.4175

Protanomaly

12.3510, 10.3303, 35.0612

Deuteranomaly

11.7377, 10.3458, 30.6564

Tritanomaly

11.6050, 10.4340, 18.2319

Monochromacy



Original Color

14.2781, 10.5330, 31.4175

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

11.5397, 10.6509, 17.6673

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2781, 10.5330, 31.4175 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(106, 76, 153)` looks like.

```
.text, #text, p{  
    color:rgb(106, 76, 153)  
}
```

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(106, 76, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 76, 153) }
```

Border

The CSS property to change the border of an element to XYZ 14.2781, 10.5330, 31.4175 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(106, 76, 153) }
```


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

```
.border{ border-color:rgb(106, 76, 153) }
```

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

Here you see how a box with a 4 pixel rgb(106, 76, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 76, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 76, 153);  
box-shadow:4px 4px 4px 4px rgb(106, 76,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2781, 10.5330, 31.4175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 76, 153) }
```

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

```
.background{ background-color: rgb(106, 76,  
153) }
```

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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