

Converting Colors

XYZ(11.3797, 10.2592, 29.0921)

Have a look what the booklet for
XYZ(11.3797, 10.2592, 29.0921)
contains.

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Color

**XYZ(11.4223, 10.3394,
28.9975)**

Conversions

Conversions Part 1

Format	Color
Hex	495793
RGB	73, 87, 147
RGB Percent	29%, 34%, 58%
CMY	0.7137, 0.6588, 0.4235
CMYK	0.50, 0.41, 0.00, 0.42
HSL	229°, 34%, 43%
HSV	229°, 50%, 58%
XYZ	11.4223, 10.3394, 28.9975
YIQ	89.6540, -27.6040, 15.6920

Conversions

Conversions Part 2

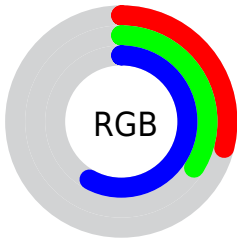
Format	Color
R_{YB}	73, 85, 147
Decimal	4806547
CIE _{Lab}	38.44, 12.07, -34.81
CIE _{LCh}	38, 36.837, 289.119
Yxy	10.3394, 0.2250, 0.2037
Android (android.graphics.Color)	4282996627 (0xFF495793)
YUV	89.6540, 28.2716, -14.6056
Hunter-Lab	32.1549, 7.1369, -30.9596

Details

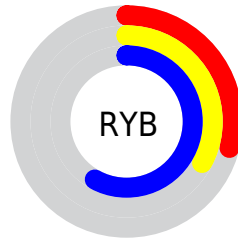
The XYZ color **11.4223, 10.3394, 28.9975** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **21.6234, 23.4601, 9.6925**, and the grayscale version is **9.5845, 10.0836, 10.9811**.

A 20% lighter version of the original color is **28.0925, 26.5440, 58.9012**, and **3.1530, 2.6106, 11.4041** is the 20% darker color. If you saturate the color by 10%, you get **9.5507, 8.0585, 28.6561**, and if you desaturate by 10%, it is **13.7173, 13.0755, 29.4049**.

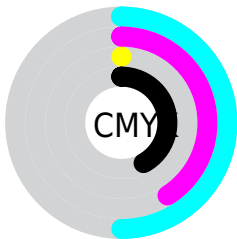
Distribution



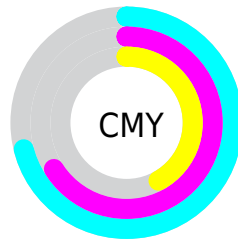
- Red (29%)
- Green (34%)
- Blue (58%)



- Red (29%)
- Yellow (33%)
- Blue (58%)



- Cyan (50%)
- Magenta (41%)
- Yellow (0%)
- Black (42%)



- Cyan (71%)
- Magenta (66%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4223, 10.3394, 28.9975 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 11.4223, 10.3394, 28.9975 by changing the saturation by 10% instead.

■ 11.4223, 10.3394,
28.9975

■ 11.4223, 10.3394,
28.9975

194.3914,
193.0776, 311.2637

■ 6.4210, 5.6246,
18.8334

■ 28.0646, 26.4319,
59.1153

■ 3.1458, 2.6182,
11.3743

■ 40.4362, 38.5785,
79.9060

■ 1.2313, 0.9358,
6.2019

■ 55.9954, 53.9710,
105.0759

■ 0.1309, 0.0000,
2.8975

■ 75.1075, 72.9939,
135.0437

■ 0.0000, 0.0000,
1.0425

■ 98.1377, 96.0316,
170.2278

■ 0.0000, 0.0000,
0.0000

125.4515,

123.4685, 211.0469

157.4143,
155.6891, 257.9193

■ 11.4223, 10.3394,
28.9975

■ 11.4223, 10.3394,
28.9975

■ 9.5507, 8.0585,
28.6561

■ 13.7173, 13.0755,
29.4049

■ 8.0748, 6.2064,
28.3764

■ 16.4588, 16.2890,
29.8806

■ 6.9649, 4.7553,
28.1548

■ 19.6697, 20.0019,
30.4281

■ 6.1870, 3.6740,
27.9871

■ 23.3707, 24.2347,
31.0500

■ 5.6772, 2.9280,
27.8700

■ 27.5816, 29.0064,
31.7491

■ 32.3208, 34.3354,
32.5279

■ 37.6060, 40.2389,
33.3889

■ 43.4538, 46.7335,
34.3342

■ 49.8804, 53.8352,
35.3663

Harmonies

Analogous

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



8.9793, 10.3394, 29.9333



11.4223, 10.3394, 28.9975



13.7579, 10.3394, 22.3509

Triad

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



11.4223, 10.3394, 28.9975



13.1780, 10.3394, 3.9163



5.9472, 10.3394, 8.9367

Complementary

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



11.4223, 10.3394, 28.9975



21.6234, 23.4601, 9.6925

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.



6.7272, 10.3394, 4.6206



11.4223, 10.3394, 28.9975



10.7270, 10.3394, 2.6139

Square

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



11.4223, 10.3394, 28.9975



14.8804, 10.3394, 7.4509



8.3881, 10.3394, 2.8045



6.0712, 10.3394, 16.1807

Rectangle

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



11.4223, 10.3394, 28.9975



14.8163, 10.3394, 16.6734



8.3881, 10.3394, 2.8045



6.1066, 10.3394, 7.1638

Sweetspot

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



11.4227, 10.3398, 28.9978



38.4470, 39.5143, 55.0352



17.3604, 23.9557, 25.6110



8.4904, 8.6926, 12.5152



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.



11.4227, 10.3398, 28.9978



16.8389, 14.1037, 51.2694



12.3897, 9.3159, 28.7492



5.5830, 5.8000, 7.2950



4.9362, 2.5672, 24.1664



0.0768, 0.0642, 0.3013

Inverse Universe

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



16.1358, 11.6568, 10.4166



26.3822, 17.2326, 13.5422



20.0650, 25.6938, 10.2058



5.8430, 5.8323, 6.2792



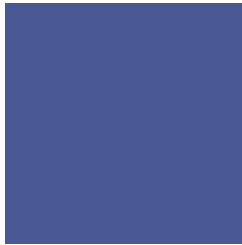
10.6186, 5.4525, 1.4729



0.1382, 0.0700, 0.0616

Previews

White Background



This preview shows how the XYZ color 11.4223, 10.3394, 28.9975 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 11.4223, 10.3394, 28.9975 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 11.4223, 10.3394, 28.9975

Background



This preview shows how black text looks on a background with the XYZ color 11.4223, 10.3394, 28.9975.



This preview shows how white text looks on a background with the XYZ color 11.4223, 10.3394,

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

11.4223, 10.3394, 28.9975

Protanopia

11.0818, 10.2758, 29.4163

Deuteranopia

10.6167, 10.4274, 28.6472



Tritanopia

8.4852, 10.2950, 14.6366

Trichromacy



Original Color

11.4223, 10.3394, 28.9975

Protanomaly

11.2893, 10.3828, 29.4260

Deuteranomaly

10.8944, 10.4444, 28.6359

Tritanomaly

9.4189, 10.2748, 19.2561

Monochromacy



Original Color

11.4223, 10.3394, 28.9975

Achromatopsia

9.7181, 10.2242, 11.1341

Achromatomaly

10.0978, 10.1773, 16.4711

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4223, 10.3394, 28.9975 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(73, 87, 147)` looks like.

```
.text, #text, p{  
    color:rgb(73, 87, 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(73, 87, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 87, 147) }
```

Border

The CSS property to change the border of an element to XYZ 11.4223, 10.3394, 28.9975 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(73, 87, 147) }
```


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

```
.border{ border-color:rgb(73, 87, 147) }
```

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

Here you see how a box with a 4 pixel rgb(73, 87, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 87, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 87, 147);  
box-shadow:4px 4px 4px 4px rgb(73, 87,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 11.4223, 10.3394, 28.9975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 87, 147) }
```

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

```
.background{ background-color: rgb(73, 87,  
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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