

Converting Colors

XYZ(15.7443, 22.8287, 28.4073)

Have a look what the booklet for
XYZ(15.7443, 22.8287, 28.4073)
contains.

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Color

**XYZ(15.7401, 22.8263,
28.3873)**

Conversions

Conversions Part 1

Format	Color
Hex	24928C
RGB	36, 146, 140
RGB Percent	14%, 57%, 55%
CMY	0.8588, 0.4274, 0.4510
CMYK	0.75, 0.00, 0.04, 0.43
HSL	177°, 60%, 36%
HSV	177°, 75%, 57%
XYZ	15.7401, 22.8263, 28.3873
YIQ	112.4260, -63.6340, -25.1860

Conversions

Conversions Part 2

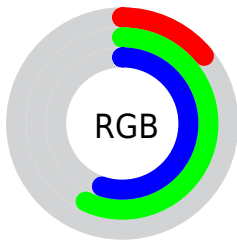
Format	Color
R_{YB}	36, 93, 146
Decimal	2396812
CIE _{Lab}	54.89, -31.00, -5.54
CIE _{LCh}	55, 31.490, 190.128
Yxy	22.8263, 0.2351, 0.3409
Android (android.graphics.Color)	4280586892 (0xFF24928C)
YUV	112.4260, 13.5940, -67.0256
Hunter-Lab	47.7769, -24.8027, -1.7842

Details

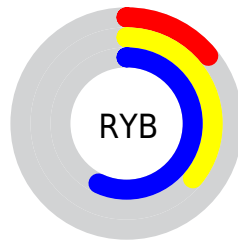
The XYZ color **15.7401, 22.8263, 28.3873** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **12.9037, 7.5407, 2.9667**, and the grayscale version is **15.5019, 16.3092, 17.7608**.

A 20% lighter version of the original color is **35.5354, 47.8681, 57.8186**, and **5.9377, 8.9226, 11.0821** is the 20% darker color. If you saturate the color by 10%, you get **15.2724, 22.5925, 28.0604**, and if you desaturate by 10%, it is **16.4175, 23.1692, 28.7273**.

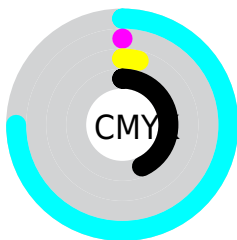
Distribution



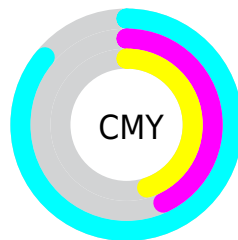
- Red (14%)
- Green (57%)
- Blue (55%)



- Red (14%)
- Yellow (36%)
- Blue (57%)



- Cyan (75%)
- Magenta (0%)
- Yellow (4%)
- Black (43%)



- Cyan (86%)
- Magenta (43%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.7401, 22.8263, 28.3873 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 15.7401, 22.8263, 28.3873 by changing the saturation by 10% instead.

■ 15.7401, 22.8263,
28.3873

■ 15.7401, 22.8263,
28.3873

■ 221.1038,
266.8316, 308.2829

■ 9.4301, 14.4653,
18.3762

■ 35.7075, 48.1080,
58.1327

■ 5.0821, 8.4450,
11.0482

■ 50.0957, 65.7974,
78.7041

■ 2.3308, 4.3810,
5.9847

■ 67.9072, 87.3651,
103.6328

■ 0.8103, 1.8889,
2.7671

■ 89.5076, 113.1955,
133.3372

■ 0.0000, 0.5417,
0.9770

■ 115.2620,
143.6729, 168.2358

■ 0.0000, 0.0000,
0.0000

■ 145.5360,

179.1818, 208.7473

180.6948,
220.1066, 255.2902

■ 15.7401, 22.8263,
28.3873

■ 15.7401, 22.8263,
28.3873

■ 15.2724, 22.5925,
28.0604

■ 16.4175, 23.1692,
28.7273

■ 14.9815, 22.4492,
27.7435

■ 17.3251, 23.6302,
29.0797

■ 14.8693, 22.3945,
27.5975

■ 18.4833, 24.2204,
29.4461

■ 19.9095, 24.9487,
29.8273

■ 21.6198, 25.8234,
30.2241

■ 23.6290, 26.8521,
30.6370

■ 25.9506, 28.0418,
31.0668

■ 28.5977, 29.3993,
31.5141

■ 31.5822, 30.9306,
31.9795

Harmonies

Analogous

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



15.9794, 22.8263, 18.8796



15.7401, 22.8263, 28.3873



16.9608, 22.8263, 39.4038

Triad

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



15.7401, 22.8263, 28.3873



26.3120, 22.8263, 42.6246



24.0564, 22.8263, 10.8121

Complementary

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



15.7401, 22.8263, 28.3873



12.9037, 7.5407, 2.9667

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.



27.2388, 22.8263, 14.4155



15.7401, 22.8263, 28.3873



28.6347, 22.8263, 31.9720

Square

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



15.7401, 22.8263, 28.3873



22.8967, 22.8263, 48.9651



28.9910, 22.8263, 21.6267



20.5375, 22.8263, 10.3344

Rectangle

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



15.7401, 22.8263, 28.3873



18.5236, 22.8263, 45.5094



28.9910, 22.8263, 21.6267



25.2107, 22.8263, 11.6409

Sweetspot

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



15.7408, 22.8272, 28.3878



38.7612, 45.8725, 53.4510



11.6084, 21.2069, 5.1512



8.3848, 10.0830, 11.8390



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



15.7408, 22.8272, 28.3878



26.5798, 39.6757, 49.1358



10.3157, 11.2494, 28.8227



5.9506, 6.5568, 7.3507



13.0873, 19.7077, 24.2993



0.1635, 0.2426, 0.3151

Inverse Universe

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



12.9037, 7.5407, 2.9667



21.3538, 11.3263, 2.1679



15.3180, 12.5285, 3.2806



5.8129, 5.8202, 6.1207



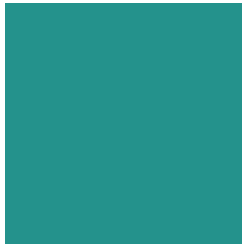
10.4728, 5.3942, 0.7049



0.1307, 0.0670, 0.0220

Previews

White Background



This preview shows how the XYZ color 15.7401, 22.8263, 28.3873 looks on a white 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

Black Background



This preview shows how the XYZ color 15.7401, 22.8263, 28.3873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

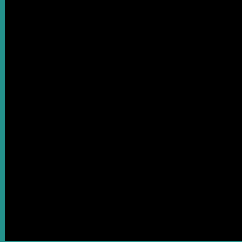
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 15.7401, 22.8263, 28.3873

Background



This preview shows how black text looks on a background with the XYZ color 15.7401, 22.8263, 28.3873.



This preview shows how white text looks on a background with the XYZ color 15.7401, 22.8263,

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

15.7401, 22.8263, 28.3873

Protanopia

21.6848, 22.5635, 24.3314

Deuteranopia

22.9399, 22.5107, 29.5215



Tritanopia

17.0164, 22.8939, 34.5325

Trichromacy



Original Color

15.7401, 22.8263, 28.3873

Protanomaly

18.1442, 21.9262, 25.8301

Deuteranomaly

18.7386, 21.7427, 29.1957

Tritanomaly

16.5853, 22.9450, 32.4089

Monochromacy



Original Color

15.7401, 22.8263, 28.3873

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

14.3767, 17.7053, 21.0721

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.7401, 22.8263, 28.3873 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(36, 146, 140)` looks like.

```
.text, #text, p{  
    color:rgb(36, 146, 140)  
}
```

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(36, 146, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 146, 140) }
```

Border

The CSS property to change the border of an element to XYZ 15.7401, 22.8263, 28.3873 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(36, 146, 140) }
```


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

```
.border{ border-color:rgb(36, 146, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 146, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 146, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 146, 140);  
box-shadow:4px 4px 4px 4px rgb(36, 146,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 15.7401, 22.8263, 28.3873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 146, 140) }
```

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

```
.background{ background-color: rgb(36, 146,  
140) }
```

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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