

Converting Colors

XYZ(15.7013, 22.4895, 28.8824)

Have a look what the booklet for
XYZ(15.7013, 22.4895, 28.8824)
contains.

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Color

**XYZ(15.7324, 22.5860,
28.7296)**

Conversions

Conversions Part 1

Format	Color
Hex	26918D
RGB	38, 145, 141
RGB Percent	15%, 57%, 55%
CMY	0.8510, 0.4314, 0.4471
CMYK	0.74, 0.00, 0.03, 0.43
HSL	178°, 58%, 36%
HSV	178°, 74%, 57%
XYZ	15.7324, 22.5860, 28.7296
YIQ	112.5510, -62.4880, -23.9280

Conversions

Conversions Part 2

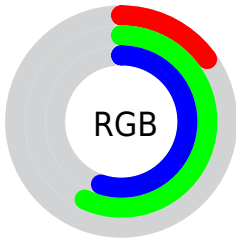
Format	Color
R _Y B	38, 93, 145
Decimal	2527629
CIE Lab	54.64, -29.97, -6.48
CIE LCh	55, 30.660, 192.200
Yxy	22.5860, 0.2346, 0.3369
Android (android.graphics.Color)	4280717709 (0xFF26918D)
YUV	112.5510, 14.0254, -65.3812
Hunter-Lab	47.5247, -24.0783, -2.5746

Details

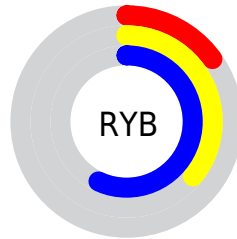
The XYZ color **15.7324, 22.5860, 28.7296** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **12.7888, 7.5737, 2.9789**, and the grayscale version is **15.5370, 16.3462, 17.8010**.

A 20% lighter version of the original color is **35.6406, 47.5537, 58.9301**, and **5.8910, 8.7607, 11.2780** is the 20% darker color. If you saturate the color by 10%, you get **15.2583, 22.3468, 28.4978**, and if you desaturate by 10%, it is **16.4163, 22.9344, 28.9733**.

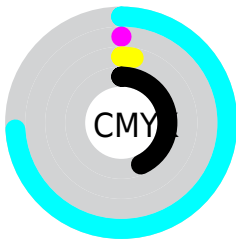
Distribution



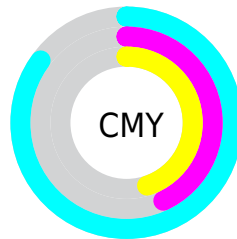
- Red (15%)
- Green (57%)
- Blue (55%)



- Red (15%)
- Yellow (36%)
- Blue (57%)



- Cyan (74%)
- Magenta (0%)
- Yellow (3%)
- Black (43%)



- Cyan (85%)
- Magenta (43%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.7324, 22.5860, 28.7296 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 15.7324, 22.5860, 28.7296 by changing the saturation by 10% instead.

■ 15.7324, 22.5860,
28.7296

■ 15.7324, 22.5860,
28.7296

■ 221.0590,
265.5914, 309.9579

■ 9.4246, 14.2881,
18.6325

■ 35.6942, 47.7126,
58.6842

■ 5.0785, 8.3213,
11.2310

■ 50.0790, 65.3102,
79.3789

■ 2.3286, 4.3012,
6.1063

■ 67.8868, 86.7764,
104.4432

■ 0.8093, 1.8435,
2.8400

■ 89.4830, 112.4957,
134.2957

■ 0.0000, 0.5140,
1.0135

■ 115.2330,
142.8524, 169.3548

■ 0.0000, 0.0000,
0.0000

■ 145.5021,

178.2310, 210.0392

180.6556,
219.0159, 256.7674

■ 15.7324, 22.5860,
28.7296

■ 15.7324, 22.5860,
28.7296

■ 15.2583, 22.3468,
28.4978

■ 16.4163, 22.9344,
28.9733

■ 14.9660, 22.2007,
28.2750

■ 17.3298, 23.4006,
29.2283

■ 14.8285, 22.1327,
28.1392

■ 18.4924, 23.9952,
29.4959

■ 19.9211, 24.7270,
29.7771

■ 21.6314, 25.6040,
30.0724

■ 23.6377, 26.6334,
30.3827

■ 25.9532, 27.8223,
30.7084

■ 28.5905, 29.1771,
31.0503

■ 31.5615, 30.7038,
31.4088

Harmonies

Analogous

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



15.8660, 22.5860, 19.3408



15.7324, 22.5860, 28.7296



17.0129, 22.5860, 39.2957

Triad

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



15.7324, 22.5860, 28.7296



26.1245, 22.5860, 41.0753



23.5113, 22.5860, 10.8092

Complementary

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



15.7324, 22.5860, 28.7296



12.7888, 7.5737, 2.9789

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.



26.6384, 22.5860, 14.1078



15.7324, 22.5860, 28.7296



28.2525, 22.5860, 30.7175

Square

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



15.7324, 22.5860, 28.7296



22.8671, 22.5860, 47.5771



28.4498, 22.5860, 20.8726



20.1258, 22.5860, 10.5400

Rectangle

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



15.7324, 22.5860, 28.7296



18.5828, 22.5860, 44.9502



28.4498, 22.5860, 20.8726



24.6359, 22.5860, 11.5507

Sweetspot

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



15.7331, 22.5869, 28.7301



39.1846, 46.0807, 53.9257



11.4869, 20.9128, 5.2653



8.5417, 10.1612, 11.9678



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.



15.7331, 22.5869, 28.7301



26.9241, 39.8178, 50.7499



10.1717, 10.9789, 28.3721



5.5517, 6.1129, 6.8709



12.7206, 18.9841, 24.1466



0.1234, 0.1822, 0.2401

Inverse Universe

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



12.7888, 7.5737, 2.9789



21.3739, 11.3872, 2.1106



15.3675, 12.8401, 3.5025



5.4165, 5.4271, 5.6916



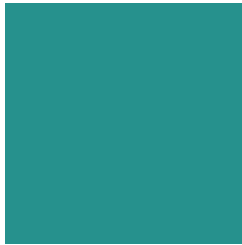
10.0435, 5.1744, 0.6146



0.0973, 0.0500, 0.0127

Previews

White Background



This preview shows how the XYZ color 15.7324, 22.5860, 28.7296 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 15.7324, 22.5860, 28.7296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

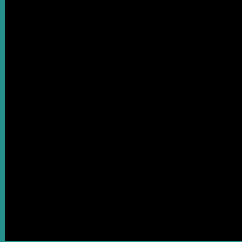
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 15.7324, 22.5860, 28.7296

Background



This preview shows how black text looks on a background with the XYZ color 15.7324, 22.5860, 28.7296.



This preview shows how white text looks on a background with the XYZ color 15.7324, 22.5860,

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

15.7324, 22.5860, 28.7296

Protanopia

21.5308, 22.2720, 24.9939

Deuteranopia

22.5634, 22.1169, 29.8678



Tritanopia

16.9111, 22.6158, 34.4843

Trichromacy



Original Color

15.7324, 22.5860, 28.7296

Protanomaly

18.0742, 21.6739, 26.1525

Deuteranomaly

18.6771, 21.4980, 29.5507

Tritanomaly

16.5170, 22.6840, 32.3621

Monochromacy



Original Color

15.7324, 22.5860, 28.7296

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

14.7465, 18.0757, 21.4506

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.7324, 22.5860, 28.7296 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(38, 145, 141)` looks like.

```
.text, #text, p{  
    color:rgb(38, 145, 141)  
}
```

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(38, 145, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 145, 141) }
```

Border

The CSS property to change the border of an element to XYZ 15.7324, 22.5860, 28.7296 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(38, 145, 141) }
```


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

```
.border{ border-color:rgb(38, 145, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 145, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 145, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 145, 141);  
box-shadow:4px 4px 4px 4px rgb(38, 145,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 15.7324, 22.5860, 28.7296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 145, 141) }
```

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

```
.background{ background-color: rgb(38, 145,  
141) }
```

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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