

Converting Colors

XYZ(15.9480, 17.8264, 28.0114)

Have a look what the booklet for
XYZ(15.9480, 17.8264, 28.0114)
contains.

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Color

**XYZ(15.9363, 17.8014,
28.1873)**

Conversions

Conversions Part 1

Format	Color
Hex	5A798E
RGB	90, 121, 142
RGB Percent	35%, 47%, 56%
CMY	0.6471, 0.5255, 0.4431
CMYK	0.37, 0.15, 0.00, 0.44
HSL	204°, 22%, 45%
HSV	204°, 37%, 56%
XYZ	15.9363, 17.8014, 28.1873
YIQ	114.1250, -25.2170, -0.0410

Conversions

Conversions Part 2

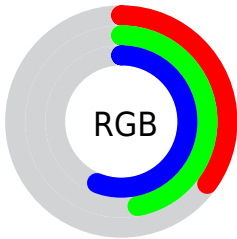
Format	Color
R_{YB}	90, 109, 142
Decimal	5929358
CIE _{Lab}	49.25, -5.56, -14.96
CIE _{LCh}	49, 15.958, 249.616
Yxy	17.8014, 0.2573, 0.2875
Android (android.graphics.Color)	4284119438 (0xFF5A798E)
YUV	114.1250, 13.7424, -21.1576
Hunter-Lab	42.1917, -6.4139, -10.0761

Details

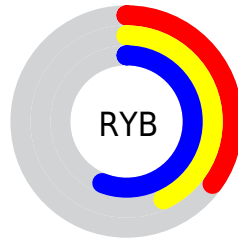
The XYZ color **15.9363, 17.8014, 28.1873** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.6855, 17.8581, 12.1355**, and the grayscale version is **15.9976, 16.8308, 18.3287**.

A 20% lighter version of the original color is **36.0627, 39.6234, 57.9719**, and **5.2288, 6.0092, 11.0095** is the 20% darker color. If you saturate the color by 10%, you get **14.0087, 15.8041, 27.9037**, and if you desaturate by 10%, it is **18.1704, 20.0190, 28.4979**.

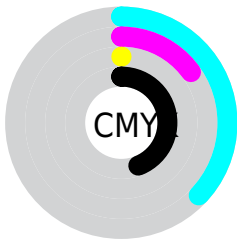
Distribution



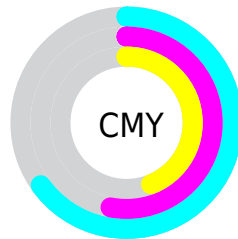
- Red (35%)
- Green (47%)
- Blue (56%)



- Red (35%)
- Yellow (43%)
- Blue (56%)



- Cyan (37%)
- Magenta (15%)
- Yellow (0%)
- Black (44%)



- Cyan (65%)
- Magenta (53%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.9363, 17.8014, 28.1873 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 15.9363, 17.8014, 28.1873 by changing the saturation by 10% instead.

■ 15.9363, 17.8014,
28.1873

■ 15.9363, 17.8014,
28.1873

222.2433,
239.7492, 307.3009

■ 9.5697, 10.8075,
18.2266

■ 36.0459, 39.6986,
57.8100

■ 5.1746, 5.9375,
10.9417

■ 50.5196, 55.3707,
78.3092

■ 2.3859, 2.8071,
5.9140

■ 68.4263, 74.7044,
103.1582

■ 0.8381, 1.0319,
2.7249

■ 90.1315, 98.0839,
132.7757

■ 0.0000, 0.0000,
0.9559

116.0004,
125.8938, 167.5802

■ 0.0000, 0.0000,
0.0000

146.3985,

158.5184, 207.9902

181.6910,
196.3421, 254.4242

■ 15.9363, 17.8014,
28.1873

■ 15.9363, 17.8014,
28.1873

■ 14.0087, 15.8041,
27.9037

■ 18.1704, 20.0190,
28.4979

■ 12.3700, 14.0158,
27.6449

■ 20.7238, 22.4634,
28.8351

■ 11.0036, 12.4272,
27.4103

■ 23.6107, 25.1432,
29.2002

■ 9.8900, 11.0272,
27.1987

■ 26.8439, 28.0661,
29.5940

■ 9.0070, 9.8031,
27.0090

■ 30.4354, 31.2392,
30.0172

■ 8.3182, 8.7352,
26.8392

■ 34.3967, 34.6694,
30.4705

■ 8.1041, 8.3961,
26.7850

■ 38.7388, 38.3632,
30.9546

■ 43.4719, 42.3269,
31.4702

■ 48.6063, 46.5666,
32.0179

Harmonies

Analogous

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



14.7968, 17.8014, 25.1316



15.9363, 17.8014, 28.1873



17.4053, 17.8014, 28.7047

Triad

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



15.9363, 17.8014, 28.1873



19.9209, 17.8014, 18.0374



15.1490, 17.8014, 13.6982

Complementary

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



15.9363, 17.8014, 28.1873



18.6855, 17.8581, 12.1355

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.



16.4432, 17.8014, 12.3351



15.9363, 17.8014, 28.1873



19.2365, 17.8014, 14.5850

Square

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



15.9363, 17.8014, 28.1873



19.7653, 17.8014, 22.3997



17.9427, 17.8014, 12.6339



14.3612, 17.8014, 16.6495

Rectangle

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



15.9363, 17.8014, 28.1873



18.3831, 17.8014, 27.4733



17.9427, 17.8014, 12.6339



15.5361, 17.8014, 13.0603

Sweetspot

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



15.9369, 17.8021, 28.1877



39.2136, 42.1064, 51.1884



16.7481, 22.6634, 18.4735



8.6266, 9.2821, 11.4164



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



15.9369, 17.8021, 28.1877



25.2452, 28.4425, 49.2873



13.2096, 12.3476, 27.2786



5.3800, 5.7558, 6.8562



7.2945, 7.5750, 24.0547



0.0914, 0.1158, 0.2372

Inverse Universe

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



18.2632, 14.4441, 19.9153



30.0875, 22.0386, 31.9365



21.9184, 24.3239, 13.2131



5.5353, 5.4746, 6.3169



11.4851, 5.7510, 8.2056



0.1207, 0.0594, 0.1361

Previews

White Background



This preview shows how the XYZ color 15.9363, 17.8014, 28.1873 looks on a white background.

Color Contrast Check

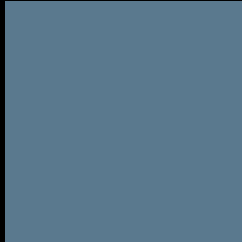
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.9363, 17.8014, 28.1873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

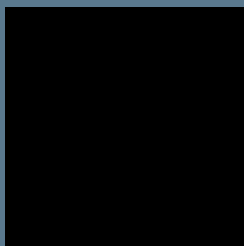
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

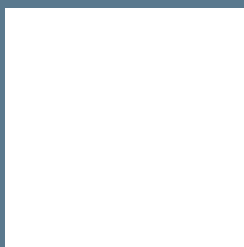
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.9363, 17.8014, 28.1873

Background



This preview shows how black text looks on a background with the XYZ color 15.9363, 17.8014, 28.1873.



This preview shows how white text looks on a background with the XYZ color 15.9363, 17.8014,

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

15.9363, 17.8014, 28.1873

Protanopia

17.5149, 17.7705, 26.5517

Deuteranopia

18.0455, 17.6626, 28.4447



Tritanopia

15.2723, 17.9066, 24.4812

Trichromacy



Original Color

15.9363, 17.8014, 28.1873

Protanomaly

16.8476, 17.7640, 26.9669

Deuteranomaly

17.2631, 17.7699, 28.5067

Tritanomaly

15.5233, 17.8205, 25.9141

Monochromacy



Original Color

15.9363, 17.8014, 28.1873

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.8251, 17.1811, 21.5510

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9363, 17.8014, 28.1873 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(90, 121, 142) looks like.

```
.text, #text, p{  
    color:rgb(90, 121, 142)  
}
```

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(90, 121, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 121, 142) }
```

Border

The CSS property to change the border of an element to XYZ 15.9363, 17.8014, 28.1873 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(90, 121, 142) }
```


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

```
.border{ border-color:rgb(90, 121, 142) }
```

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

Here you see how a box with a 4 pixel rgb(90, 121, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 121, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 121, 142);  
box-shadow:4px 4px 4px 4px rgb(90, 121,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9363, 17.8014, 28.1873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 121, 142) }
```

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

```
.background{ background-color: rgb(90, 121,  
142) }
```

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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