

Converting Colors

XYZ(16.3612, 23.5375, 31.6978)

Have a look what the booklet for
XYZ(16.3612, 23.5375, 31.6978)
contains.

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Color

**XYZ(16.3612, 23.5375,
31.6978)**

Conversions

Conversions Part 1

Format	Color
Hex	1A9494
RGB	26, 148, 148
RGB Percent	10%, 58%, 58%
CMY	0.8980, 0.4196, 0.4196
CMYK	0.82, 0.00, 0.00, 0.42
HSL	180°, 70%, 34%
HSV	180°, 82%, 58%
XYZ	16.3612, 23.5375, 31.6978
YIQ	111.5220, -72.7120, -25.8640

Conversions

Conversions Part 2

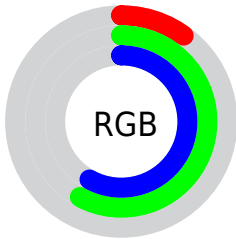
Format	Color
R_{YB}	26, 87, 148
Decimal	1741972
CIE _{Lab}	55.62, -30.58, -9.07
CIE _{LCh}	56, 31.891, 196.516
Yxy	23.5375, 0.2285, 0.3288
Android (android.graphics.Color)	4279932052 (0xFF1A9494)
YUV	111.5220, 17.9837, -75.0028
Hunter-Lab	48.5155, -24.7053, -4.7766

Details

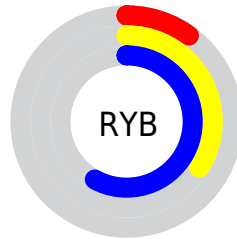
The XYZ color **16.3612, 23.5375, 31.6978** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **12.7694, 7.1101, 1.6774**, and the grayscale version is **15.2270, 16.0199, 17.4457**.

A 20% lighter version of the original color is **36.8405, 49.4629, 63.4827**, and **6.4324, 9.4125, 12.7870** is the 20% darker color. If you saturate the color by 10%, you get **16.0764, 23.3912, 31.6849**, and if you desaturate by 10%, it is **16.8426, 23.7862, 31.7209**.

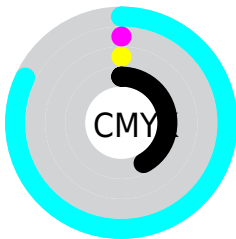
Distribution



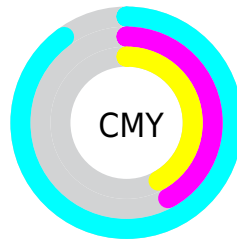
- Red (10%)
- Green (58%)
- Blue (58%)



- Red (10%)
- Yellow (34%)
- Blue (58%)



- Cyan (82%)
- Magenta (0%)
- Yellow (0%)
- Black (42%)



- Cyan (90%)
- Magenta (42%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.3612, 23.5375, 31.6978 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 16.3612, 23.5375, 31.6978 by changing the saturation by 10% instead.

■ 16.3612, 23.5375,
31.6978

■ 16.3612, 23.5375,
31.6978

■ 224.6925,
270.4738, 324.1905

■ 9.8726, 14.9909,
20.8679

■ 36.7765, 49.2744,
63.4294

■ 5.3762, 8.8130,
12.8372

■ 51.4340, 67.2335,
85.1682

■ 2.5066, 4.6194,
7.1871

■ 69.5450, 89.0989,
111.3804

■ 0.8986, 2.0257,
3.4992

■ 91.4751, 115.2549,
142.4844

■ 0.0000, 0.6224,
1.3548

■ 117.5895,
146.0861, 178.8989

■ 0.0000, 0.0000,
0.1061

■ 148.2537,

■ 0.0000, 0.0000,

181.9766, 221.0424

0.0000

183.8329,
223.3111, 269.3334

■ 16.3612, 23.5375,
31.6978

■ 16.3612, 23.5375,
31.6978

■ 16.0764, 23.3912,
31.6849

■ 16.8426, 23.7862,
31.7209

■ 15.9356, 23.3186,
31.6783

■ 17.5449, 24.1482,
31.7538

■ 18.4913, 24.6361,
31.7982

■ 19.7013, 25.2599,
31.8549

■ 21.1926, 26.0287,
31.9247

■ 22.9814, 26.9508,
32.0085

■ 25.0824, 28.0340,
32.1069

■ 27.5097, 29.2853,
32.2205

■ 30.2763, 30.7115,
32.3501

Harmonies

Analogous

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



16.2842, 23.5375, 21.2718



16.3612, 23.5375, 31.6978



17.9318, 23.5375, 42.9036

Triad

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



16.3612, 23.5375, 31.6978



27.7887, 23.5375, 41.8644



24.0275, 23.5375, 10.7628

Complementary

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



16.3612, 23.5375, 31.6978



12.7694, 7.1101, 1.6774

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.



27.4899, 23.5375, 13.7524



16.3612, 23.5375, 31.6978



29.8137, 23.5375, 30.5425

Square

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



16.3612, 23.5375, 31.6978



24.4012, 23.5375, 49.7676



29.6988, 23.5375, 20.3878



20.4580, 23.5375, 10.9161

Rectangle

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



16.3612, 23.5375, 31.6978



19.7211, 23.5375, 48.4940



29.6988, 23.5375, 20.3878



25.2497, 23.5375, 11.3900

Sweetspot

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



16.3619, 23.5384, 31.6984



39.5204, 47.0221, 56.4276



11.2569, 21.5026, 4.5351



8.7905, 10.6150, 12.8703



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.



16.3619, 23.5384, 31.6984



28.1406, 41.1556, 55.8942



9.3475, 9.5094, 29.3607



5.9641, 6.5622, 7.4220



13.6112, 19.9173, 27.0576



0.1666, 0.2438, 0.3312

Inverse Universe

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



12.7694, 7.1101, 1.6774



21.5800, 11.1545, 1.0706



15.6462, 12.8636, 2.6363



5.8008, 5.8154, 6.0572



10.4317, 5.3777, 0.4882



0.1277, 0.0658, 0.0060

Previews

White Background



This preview shows how the XYZ color 16.3612, 23.5375, 31.6978 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 16.3612, 23.5375, 31.6978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

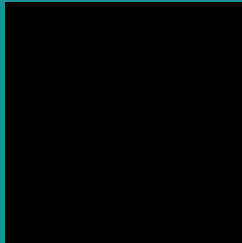
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 16.3612, 23.5375, 31.6978

Background



This preview shows how black text looks on a background with the XYZ color 16.3612, 23.5375, 31.6978.

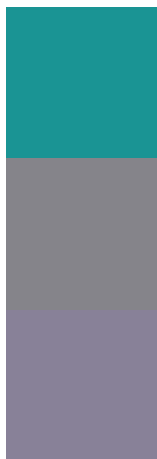


This preview shows how white text looks on a background with the XYZ color 16.3612, 23.5375,

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

16.3612, 23.5375, 31.6978

Protanopia

22.5116, 23.3241, 27.3603

Deuteranopia

23.6711, 23.2018, 32.9365



Tritanopia

17.1780, 23.4015, 35.9593

Trichromacy



Original Color

16.3612, 23.5375, 31.6978

Protanomaly

18.5871, 22.5096, 28.9563

Deuteranomaly

19.2139, 22.3295, 32.5755

Tritanomaly

16.8621, 23.5076, 34.2205

Monochromacy



Original Color

16.3612, 23.5375, 31.6978

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

14.4286, 17.8972, 22.0961

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.3612, 23.5375, 31.6978 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(26, 148, 148)` looks like.

```
.text, #text, p{  
    color:rgb(26, 148, 148)  
}
```

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(26, 148, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 148, 148) }
```

Border

The CSS property to change the border of an element to XYZ 16.3612, 23.5375, 31.6978 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(26, 148, 148) }
```


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

```
.border{ border-color:rgb(26, 148, 148) }
```

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

Here you see how a box with a 4 pixel rgb(26, 148, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 148, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 148, 148);  
box-shadow:4px 4px 4px 4px rgb(26, 148,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 16.3612, 23.5375, 31.6978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 148, 148) }
```

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

```
.background{ background-color: rgb(26, 148,  
148) }
```

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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