

Converting Colors

XYZ(17.0333, 23.1265, 31.4422)

Have a look what the booklet for
XYZ(17.0333, 23.1265, 31.4422)
contains.

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Color

**XYZ(17.1016, 23.2297,
31.5994)**

Conversions

Conversions Part 1

Format	Color
Hex	389194
RGB	56, 145, 148
RGB Percent	22%, 57%, 58%
CMY	0.7804, 0.4314, 0.4196
CMYK	0.62, 0.02, 0.00, 0.42
HSL	182°, 45%, 40%
HSV	182°, 62%, 58%
XYZ	17.1016, 23.2297, 31.5994
YIQ	118.7310, -54.0070, -17.9350

Conversions

Conversions Part 2

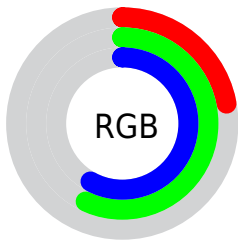
Format	Color
R _{YB}	56, 101, 148
Decimal	3707284
CIE Lab	55.31, -25.09, -9.47
CIE LCh	55, 26.817, 200.678
Yxy	23.2297, 0.2378, 0.3229
Android (android.graphics.Color)	4281897364 (0xFF389194)
YUV	118.7310, 14.4296, -55.0151
Hunter-Lab	48.1972, -21.0087, -5.1341

Details

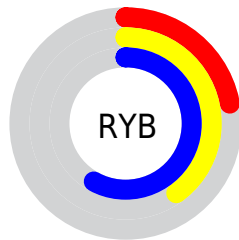
The XYZ color **17.1016, 23.2297, 31.5994** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **14.4910, 9.7099, 4.8524**, and the grayscale version is **17.4185, 18.3256, 19.9566**.

A 20% lighter version of the original color is **38.0235, 48.6885, 63.2709**, and **6.1604, 8.8685, 12.6964** is the 20% darker color. If you saturate the color by 10%, you get **16.3202, 22.7182, 31.5423**, and if you desaturate by 10%, it is **18.1293, 23.8697, 31.6692**.

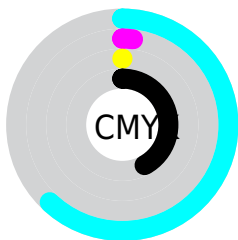
Distribution



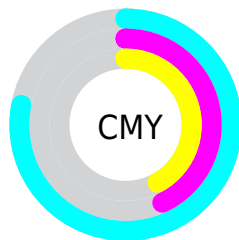
- Red (22%)
- Green (57%)
- Blue (58%)



- Red (22%)
- Yellow (40%)
- Blue (58%)



- Cyan (62%)
- Magenta (2%)
- Yellow (0%)
- Black (42%)



- Cyan (78%)
- Magenta (43%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1016, 23.2297, 31.5994 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 17.1016, 23.2297, 31.5994 by changing the saturation by 10% instead.

■ 17.1016, 23.2297,
31.5994

■ 17.1016, 23.2297,
31.5994

228.9020,
268.9026, 323.7266

■ 10.4027, 14.7632,
20.7934

■ 38.0426, 48.7702,
63.2731

■ 5.7311, 8.6534,
12.7833

■ 53.0154, 66.6130,
84.9780

■ 2.7214, 4.5158,
7.1505

■ 71.4769, 88.3501,
111.1528

■ 1.0082, 1.9661,
3.4766

■ 93.7924, 114.3658,
142.2163

■ 0.0000, 0.5876,
1.3428

■ 120.3273,
145.0444, 178.5869

■ 0.0000, 0.0000,
0.0965

151.4470,

■ 0.0000, 0.0000,

180.7706, 220.6831

0.0000

187.5168,
221.9285, 268.9235

■ 17.1016, 23.2297,
31.5994

■ 17.1016, 23.2297,
31.5994

■ 16.3202, 22.7182,
31.5423

■ 18.1293, 23.8697,
31.6692

■ 15.7607, 22.3210,
31.4951

■ 19.4207, 24.6456,
31.7509

■ 15.3975, 22.0255,
31.4572

■ 20.9942, 25.5673,
31.8459

■ 15.1944, 21.8362,
31.4314

■ 22.8658, 26.6432,
31.9549

■ 25.0504, 27.8810,
32.0787

■ 27.5619, 29.2877,
32.2178

■ 30.4133, 30.8701,
32.3730

■ 33.6170, 32.6346,
32.5447

■ 37.1847, 34.5872,
32.7335

Harmonies

Analogous

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



16.8532, 23.2297, 22.7058



17.1016, 23.2297, 31.5994



18.6157, 23.2297, 40.3792

Triad

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



17.1016, 23.2297, 31.5994



26.8584, 23.2297, 37.2977



23.0285, 23.2297, 12.2239

Complementary

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



17.1016, 23.2297, 31.5994



14.4910, 9.7099, 4.8524

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.



25.9475, 23.2297, 14.5283



17.1016, 23.2297, 31.5994



28.2871, 23.2297, 28.0700

Square

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



17.1016, 23.2297, 31.5994



24.1834, 23.2297, 44.1531



27.9394, 23.2297, 19.8873



20.1006, 23.2297, 12.7534

Rectangle

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



17.1016, 23.2297, 31.5994



20.2216, 23.2297, 44.3476



27.9394, 23.2297, 19.8873



24.0471, 23.2297, 12.6687

Sweetspot

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



17.1023, 23.2306, 31.6000



41.3600, 47.5878, 56.4401



12.9732, 22.3218, 7.5664



9.2232, 10.7389, 12.8715



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.



17.1023, 23.2306, 31.6000



28.3218, 39.7569, 55.6157



11.5789, 12.1838, 29.7588



5.9481, 6.5301, 7.4167



12.9823, 18.6594, 26.8484



0.1630, 0.2366, 0.3300

Inverse Universe

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



18.7384, 11.1692, 27.9573



31.5223, 16.7771, 48.3522



17.8306, 16.3891, 5.9656



6.0272, 5.9060, 7.2496



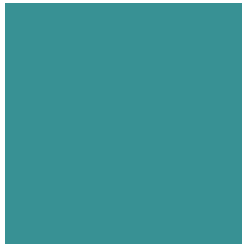
14.6799, 7.0770, 22.8593



0.1817, 0.0874, 0.2907

Previews

White Background



This preview shows how the XYZ color 17.1016, 23.2297, 31.5994 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 17.1016, 23.2297, 31.5994 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 17.1016, 23.2297, 31.5994

Background



This preview shows how black text looks on a background with the XYZ color 17.1016, 23.2297, 31.5994.



This preview shows how white text looks on a background with the XYZ color 17.1016, 23.2297,

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

17.1016, 23.2297, 31.5994

Protanopia

22.2922, 23.0022, 27.6910

Deuteranopia

23.3783, 22.8562, 32.8853



Tritanopia

17.7531, 23.2737, 34.5669

Trichromacy



Original Color

17.1016, 23.2297, 31.5994

Protanomaly

19.3956, 22.5044, 28.9127

Deuteranomaly

20.0549, 22.3487, 32.5349

Tritanomaly

17.4444, 23.1433, 33.2535

Monochromacy



Original Color

17.1016, 23.2297, 31.5994

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

16.5723, 19.5368, 24.0166

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1016, 23.2297, 31.5994 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(56, 145, 148)` looks like.

```
.text, #text, p{  
    color:rgb(56, 145, 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(56, 145, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 145, 148) }
```

Border

The CSS property to change the border of an element to XYZ 17.1016, 23.2297, 31.5994 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(56, 145, 148) }
```


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

```
.border{ border-color:rgb(56, 145, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 145, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(56, 145, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(56, 145, 148); box-shadow:4px 4px 4px 4px rgb(56, 145, 148) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1016, 23.2297, 31.5994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 145, 148) }
```

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

```
.background{ background-color: rgb(56, 145,  
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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