

Converting Colors

XYZ(17.0792, 23.2272, 31.1869)

Have a look what the booklet for
XYZ(17.0792, 23.2272, 31.1869)
contains.

XYZ(17.0792, 23.2272, 31.1869)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(17.0792, 23.2272,
31.1869)**

Conversions

Conversions Part 1

Format	Color
Hex	399193
RGB	57, 145, 147
RGB Percent	22%, 57%, 58%
CMY	0.7765, 0.4314, 0.4235
CMYK	0.61, 0.01, 0.00, 0.42
HSL	181°, 44%, 40%
HSV	181°, 61%, 58%
XYZ	17.0792, 23.2272, 31.1869
YIQ	118.9160, -53.0900, -18.0340

Conversions

Conversions Part 2

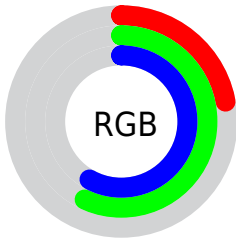
Format	Color
R_{YB}	57, 101, 147
Decimal	3772819
CIE _{Lab}	55.31, -25.20, -8.90
CIE _{LCh}	55, 26.726, 199.441
Yxy	23.2272, 0.2389, 0.3249
Android (android.graphics.Color)	4281962899 (0xFF399193)
YUV	118.9160, 13.8454, -54.3003
Hunter-Lab	48.1946, -21.0837, -4.6305

Details

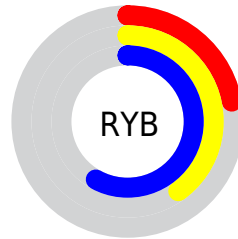
The XYZ color **17.0792, 23.2272, 31.1869** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **14.3356, 9.6269, 4.9742**, and the grayscale version is **17.4784, 18.3886, 20.0252**.

A 20% lighter version of the original color is **37.9055, 48.6413, 62.6492**, and **6.1604, 8.8685, 12.6964** is the 20% darker color. If you saturate the color by 10%, you get **16.3098, 22.7571, 31.1371**, and if you desaturate by 10%, it is **18.0928, 23.8244, 31.2492**.

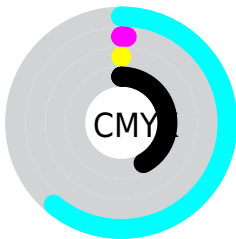
Distribution



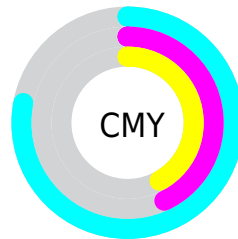
- Red (22%)
- Green (57%)
- Blue (58%)



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



- Cyan (61%)
- Magenta (1%)
- Yellow (0%)
- Black (42%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0792, 23.2272, 31.1869 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 17.0792, 23.2272, 31.1869 by changing the saturation by 10% instead.

■ 17.0792, 23.2272,
31.1869

■ 17.0792, 23.2272,
31.1869

228.7757,
268.8898, 321.7763

■ 10.3866, 14.7614,
20.4816

■ 38.0044, 48.7661,
62.6172

■ 5.7203, 8.6521,
12.5580

■ 52.9678, 66.6080,
84.1793

■ 2.7148, 4.5149,
6.9978

■ 71.4188, 88.3440,
110.1973

■ 1.0048, 1.9656,
3.3823

■ 93.7227, 114.3585,
141.0899

■ 0.0000, 0.5874,
1.2930

■ 120.2451,
145.0360, 177.2755

■ 0.0000, 0.0000,
0.0560

151.3511,

■ 0.0000, 0.0000,

180.7607, 219.1728

0.0000

187.4062,
221.9172, 267.2002

■ 17.0792, 23.2272,
31.1869

■ 17.0792, 23.2272,
31.1869

■ 16.3098, 22.7571,
31.1371

■ 18.0928, 23.8244,
31.2492

■ 15.7609, 22.4004,
31.0972

■ 19.3675, 24.5560,
31.3232

■ 15.4078, 22.1448,
31.0665

■ 20.9212, 25.4315,
31.4103

■ 15.1999, 21.9733,
31.0443

■ 22.7696, 26.4592,
31.5112

■ 24.9272, 27.6465,
31.6267

■ 27.4076, 29.0004,
31.7573

■ 30.2234, 30.5275,
31.9036

■ 33.3869, 32.2340,
32.0663

■ 36.9094, 34.1258,
32.2458

Harmonies

Analogous

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



16.8854, 23.2272, 22.3869



17.0792, 23.2272, 31.1869



18.5398, 23.2272, 40.0047

Triad

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



17.0792, 23.2272, 31.1869



26.7475, 23.2272, 37.6024



23.1490, 23.2272, 12.2945

Complementary

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



17.0792, 23.2272, 31.1869



14.3356, 9.6269, 4.9742

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.



26.0372, 23.2272, 14.7154



17.0792, 23.2272, 31.1869



28.2360, 23.2272, 28.4348

Square

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



17.0792, 23.2272, 31.1869



24.0496, 23.2272, 44.2497



27.9649, 23.2272, 20.1884



20.2149, 23.2272, 12.7078

Rectangle

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



17.0792, 23.2272, 31.1869



20.1155, 23.2272, 44.0901



27.9649, 23.2272, 20.1884



24.1615, 23.2272, 12.7775

Sweetspot

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



17.0799, 23.2281, 31.1875



41.8208, 47.9607, 56.4877



12.8981, 22.0484, 7.6466



9.3223, 10.8244, 12.8828



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.



17.0799, 23.2281, 31.1875



28.8442, 40.5233, 55.7361



11.5597, 12.1878, 29.3474



5.9532, 6.5404, 7.4184



13.1798, 19.0544, 26.9143



0.1641, 0.2389, 0.3304

Inverse Universe

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



18.6072, 11.1743, 27.9651



31.8539, 17.1698, 49.2965



17.6719, 16.2995, 6.0863



6.0298, 5.9070, 7.2631



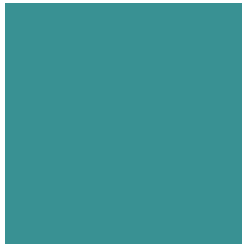
14.7796, 7.1169, 23.3843



0.1823, 0.0877, 0.2937

Previews

White Background



This preview shows how the XYZ color 17.0792, 23.2272, 31.1869 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 17.0792, 23.2272, 31.1869 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 17.0792, 23.2272, 31.1869

Background



This preview shows how black text looks on a background with the XYZ color 17.0792, 23.2272, 31.1869.

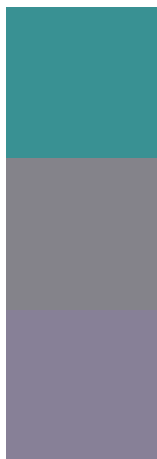


This preview shows how white text looks on a background with the XYZ color 17.0792, 23.2272,

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

17.0792, 23.2272, 31.1869

Protanopia

22.2195, 22.9731, 27.3079

Deuteranopia

23.2968, 22.8236, 32.4557



Tritanopia

17.8141, 23.3052, 34.5698

Trichromacy



Original Color

17.0792, 23.2272, 31.1869

Protanomaly

19.4376, 22.5347, 28.5245

Deuteranomaly

20.0935, 22.3780, 32.1145

Tritanomaly

17.5042, 23.1742, 33.2563

Monochromacy



Original Color

17.0792, 23.2272, 31.1869

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

16.5055, 19.5101, 23.6648

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0792, 23.2272, 31.1869 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(57, 145, 147)` looks like.

```
.text, #text, p{  
    color:rgb(57, 145, 147)  
}
```

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(57, 145, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 145, 147) }
```

Border

The CSS property to change the border of an element to XYZ 17.0792, 23.2272, 31.1869 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(57, 145, 147) }
```


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

```
.border{ border-color:rgb(57, 145, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 145, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 145, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 145, 147);  
box-shadow:4px 4px 4px 4px rgb(57, 145,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0792, 23.2272, 31.1869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 145, 147) }
```

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

```
.background{ background-color: rgb(57, 145,  
147) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor