

Converting Colors

XYZ(23.4479, 30.8277, 29.2985)

Have a look what the booklet for
XYZ(23.4479, 30.8277, 29.2985)
contains.

XYZ(23.4062, 30.7080, 29.1197)	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(23.4062, 30.7080,
29.1197)**

Conversions

Conversions Part 1

Format	Color
Hex	69A28B
RGB	105, 162, 139
RGB Percent	41%, 64%, 55%
CMY	0.5882, 0.3647, 0.4549
CMYK	0.35, 0.00, 0.14, 0.36
HSL	156°, 23%, 52%
HSV	156°, 35%, 64%
XYZ	23.4062, 30.7080, 29.1197
YIQ	142.3350, -26.5890, -19.2370

Conversions

Conversions Part 2

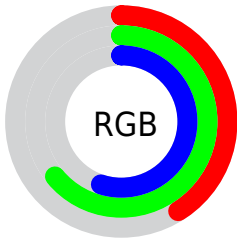
Format	Color
RYB	105, 141, 162
Decimal	6922891
CIELab	62.26, -23.93, 6.08
CIELCh	62, 24.687, 165.753
Yxy	30.7080, 0.2812, 0.3689
Android (android.graphics.Color)	4285112971 (0xFF69A28B)
YUV	142.3350, -1.6442, -32.7428
Hunter-Lab	55.4148, -21.5808, 7.6343

Details

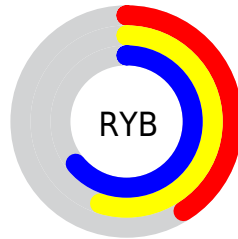
The XYZ color **23.4062, 30.7080, 29.1197** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.8492, 19.3437, 22.8999**, and the grayscale version is **25.8584, 27.2050, 29.6263**.

A 20% lighter version of the original color is **48.4278, 60.7006, 59.0331**, and **8.9004, 12.6574, 11.4252** is the 20% darker color. If you saturate the color by 10%, you get **21.2183, 29.6345, 26.5984**, and if you desaturate by 10%, it is **25.9868, 31.9823, 31.8099**.

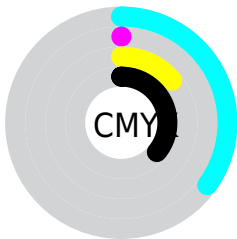
Distribution



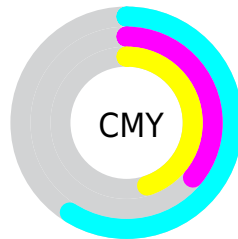
- Red (41%)
- Green (64%)
- Blue (55%)



- Red (41%)
- Yellow (55%)
- Blue (64%)



- Cyan (35%)
- Magenta (0%)
- Yellow (14%)
- Black (36%)



- Cyan (59%)
- Magenta (36%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.4062, 30.7080, 29.1197 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 23.4062, 30.7080, 29.1197 by changing the saturation by 10% instead.

■ 23.4062, 30.7080,
29.1197

■ 23.4062, 30.7080,
29.1197

262.3011,
305.1908, 311.8579

■ 15.0161, 20.3766,
18.9250

■ 48.5212, 60.7801,
59.3117

■ 8.9171, 12.6691,
11.4399

■ 65.9768, 81.2895,
80.1460

■ 4.7438, 7.2011,
6.2456

■ 87.1849, 105.9604,
105.3641

■ 2.1309, 3.5882,
2.9238

■ 112.5110,
135.1772, 135.3843

■ 0.7060, 1.4460,
1.0559

142.3202,
169.3242, 170.6252

■ 0.0000, 0.2502,
0.0000

176.9781,

■ 0.0000, 0.0000,

208.7859, 211.5055

0.0000

216.8499,
253.9466, 258.4435

■ 23.4062, 30.7080,
29.1197

■ 23.4062, 30.7080,
29.1197

■ 21.2183, 29.6345,
26.5984

■ 25.9868, 31.9823,
31.8099

■ 19.3996, 28.7472,
24.2402

■ 28.9772, 33.4637,
34.6702

■ 17.9275, 28.0354,
22.0421


■ 32.3962, 35.1627,
37.7048


■ 16.7761, 27.4859,
20.0003


■ 36.2611, 37.0880,
40.9167


■ 15.9155, 27.0832,
18.1104


■ 40.5878, 39.2478,
44.3091


 15.3080, 26.8079,
16.3678

 45.3916, 41.6501,
47.8850

 15.0614, 26.6980,
15.5785

 50.6871, 44.3023,
51.6472

 56.4882, 47.2114,
55.5988

 62.8083, 50.3844,
59.7424

Harmonies

Analogous

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



24.8331, 30.7080, 22.1957



23.4062, 30.7080, 29.1197



23.4439, 30.7080, 38.6700

Triad

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



23.4062, 30.7080, 29.1197



30.9616, 30.7080, 54.3914



33.8904, 30.7080, 21.9370

Complementary

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



23.4062, 30.7080, 29.1197



23.8492, 19.3437, 22.8999

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.



35.7990, 30.7080, 28.6966



23.4062, 30.7080, 29.1197



34.0223, 30.7080, 47.9453

Square

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



23.4062, 30.7080, 29.1197



27.6383, 30.7080, 54.5644



35.8490, 30.7080, 38.1586



30.7926, 30.7080, 18.6159

Rectangle

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



23.4062, 30.7080, 29.1197



24.2894, 30.7080, 45.3461



35.8490, 30.7080, 38.1586



34.7024, 30.7080, 23.8181

Sweetspot

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



23.4071, 30.7093, 29.1204



54.9769, 61.9268, 65.0912



24.4864, 31.5095, 18.1563



12.1729, 13.8217, 14.4623



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



23.4071, 30.7093, 29.1204



39.4044, 54.2311, 49.3506



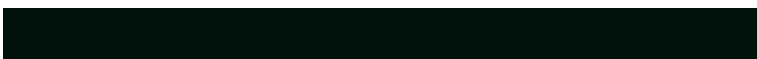
24.4476, 29.8118, 38.6496



7.1545, 7.9626, 8.4255



11.8869, 21.0411, 12.3869



0.2723, 0.4511, 0.3787

Inverse Universe

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



23.8492, 19.3437, 22.8999



40.3292, 30.5411, 36.4013



23.0000, 19.8000, 15.9745



7.1867, 7.1311, 7.9695



12.5193, 6.3638, 4.6591



0.2861, 0.1429, 0.2194

Previews

White Background



This preview shows how the XYZ color 23.4062, 30.7080, 29.1197 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 23.4062, 30.7080, 29.1197 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 ✓ Pass

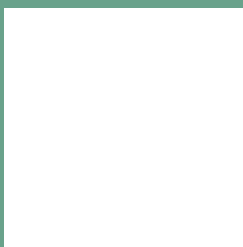
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.4062, 30.7080, 29.1197

Background



This preview shows how black text looks on a background with the XYZ color 23.4062, 30.7080, 29.1197.

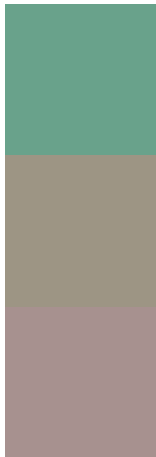


This preview shows how white text looks on a background with the XYZ color 23.4062, 30.7080,

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

23.4062, 30.7080, 29.1197

Protanopia

28.8169, 30.3289, 26.1650

Deuteranopia

31.0197, 30.4495, 30.2290



Tritanopia

26.1647, 30.8007, 42.5963

Trichromacy



Original Color

23.4062, 30.7080, 29.1197

Protanomaly

26.4100, 30.2637, 27.3712

Deuteranomaly

27.4507, 30.0155, 29.9380

Tritanomaly

24.9628, 30.5507, 37.3821

Monochromacy



Original Color

23.4062, 30.7080, 29.1197

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

24.6084, 28.0851, 29.3233

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4062, 30.7080, 29.1197 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(105, 162, 139)` looks like.

```
.text, #text, p{  
    color:rgb(105, 162, 139)  
}
```

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(105, 162, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 162, 139) }
```

Border

The CSS property to change the border of an element to XYZ 23.4062, 30.7080, 29.1197 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(105, 162, 139) }
```


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

```
.border{ border-color:rgb(105, 162, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 162, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 162, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 162, 139);  
box-shadow:4px 4px 4px 4px rgb(105, 162,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4062, 30.7080, 29.1197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 162, 139) }
```

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

```
.background{ background-color: rgb(105,  
162, 139) }
```

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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