

Converting Colors

XYZ(23.0413, 28.3089, 32.6820)

Have a look what the booklet for
XYZ(23.0413, 28.3089, 32.6820)
contains.

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Color

**XYZ(23.1648, 28.4693,
32.7080)**

Conversions

Conversions Part 1

Format	Color
Hex	6C9A95
RGB	108, 154, 149
RGB Percent	42%, 60%, 58%
CMY	0.5765, 0.3961, 0.4157
CMYK	0.30, 0.00, 0.03, 0.40
HSL	173°, 19%, 51%
HSV	173°, 30%, 60%
XYZ	23.1648, 28.4693, 32.7080
YIQ	139.6760, -25.8110, -11.3070

Conversions

Conversions Part 2

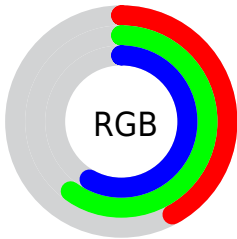
Format	Color
RYB	108, 132, 154
Decimal	7117461
CIELab	60.31, -16.60, -2.38
CIELCh	60, 16.773, 188.143
Yxy	28.4693, 0.2747, 0.3375
Android (android.graphics.Color)	4285307541 (0xFF6C9A95)
YUV	139.6760, 4.5967, -27.7799
Hunter-Lab	53.3566, -15.8783, 1.0044

Details

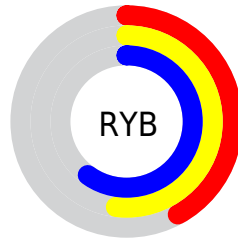
The XYZ color **23.1648, 28.4693, 32.7080** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.6707, 18.7883, 18.1083**, and the grayscale version is **24.7922, 26.0833, 28.4047**.

A 20% lighter version of the original color is **48.2779, 57.4898, 65.0520**, and **8.7998, 11.4819, 13.3077** is the 20% darker color. If you saturate the color by 10%, you get **21.3222, 27.5355, 31.9294**, and if you desaturate by 10%, it is **25.3418, 29.5767, 33.5135**.

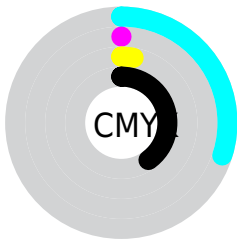
Distribution



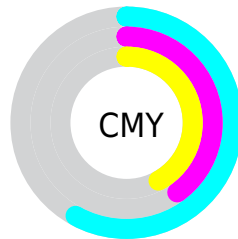
- Red (42%)
- Green (60%)
- Blue (58%)



- Red (42%)
- Yellow (52%)
- Blue (60%)



- Cyan (30%)
- Magenta (0%)
- Yellow (3%)
- Black (40%)



- Cyan (58%)
- Magenta (40%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.1648, 28.4693, 32.7080 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 23.1648, 28.4693, 32.7080 by changing the saturation by 10% instead.

■ 23.1648, 28.4693,
32.7080

■ 23.1648, 28.4693,
32.7080

261.0899,
294.7027, 328.9235

■ 14.8366, 18.6797,
21.6336

■ 48.1285, 57.2328,
65.0301

■ 8.7904, 11.4391,
13.3922

■ 65.4946, 76.9756,
87.1149

■ 4.6607, 6.3630,
7.5653

■ 86.6042, 100.8048,
113.7069

■ 2.0823, 3.0670,
3.7343

■ 111.8224,
129.1050, 145.2246

■ 0.6796, 1.1668,
1.4807

141.5148,
162.2605, 182.0865

■ 0.0000, 0.0344,
0.2035

176.0466,

■ 0.0000, 0.0000,

200.6557, 224.7113

0.0000

215.7831,
244.6749, 273.5174

■ 23.1648, 28.4693,
32.7080

■ 23.1648, 28.4693,
32.7080

■ 21.3222, 27.5355,
31.9294

■ 25.3418, 29.5767,
33.5135

■ 19.7942, 26.7629,
31.1749

■ 27.8669, 30.8627,
34.3447

■ 18.5626, 26.1429,
30.4443

■ 30.7560, 32.3361,
35.2031

■ 17.6062, 25.6645,
29.7364

■ 34.0234, 34.0042,
36.0894

■ 16.9013, 25.3156,
29.0502

■ 37.6824, 35.8741,
37.0042

■ 16.4199, 25.0816,
28.3843

■ 41.7458, 37.9522,
37.9482

■ 16.0940, 24.9277,
27.7354

■ 46.2258, 40.2448,
38.9219

■ 16.0900, 24.9257,
27.7270

■ 51.1342, 42.7580,
39.9260

■ 56.4820, 45.4975,
40.9610

Harmonies

Analogous

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



23.3962, 28.4693, 26.7908



23.1648, 28.4693, 32.7080



23.9324, 28.4693, 38.9121

Triad

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



23.1648, 28.4693, 32.7080



29.6973, 28.4693, 41.2881



28.6298, 28.4693, 21.2457

Complementary

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



23.1648, 28.4693, 32.7080



21.6707, 18.7883, 18.1083

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.



30.4471, 28.4693, 24.2375



23.1648, 28.4693, 32.7080



31.0859, 28.4693, 35.6246

Square

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



23.1648, 28.4693, 32.7080



27.6498, 28.4693, 44.2773



31.3673, 28.4693, 29.3491



26.4771, 28.4693, 20.6812

Rectangle

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



23.1648, 28.4693, 32.7080



24.9327, 28.4693, 42.1974



31.3673, 28.4693, 29.3491



29.3034, 28.4693, 21.9797

Sweetspot

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



23.1656, 28.4705, 32.7086



50.9607, 56.2357, 62.4933



21.1206, 27.7302, 18.4273



11.3823, 12.6510, 14.0975



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



23.1656, 28.4705, 32.7086



39.7228, 50.5204, 58.4406



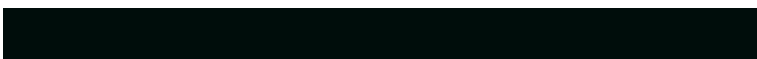
20.8739, 23.2340, 33.9576



6.3556, 7.0150, 7.7962



13.1163, 20.3100, 22.6310



0.2033, 0.3065, 0.3762

Inverse Universe

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



21.6707, 18.7883, 18.1083



36.5513, 29.9623, 27.4537



23.4483, 22.7818, 17.3495



6.2348, 6.2331, 6.6163



10.9454, 5.6324, 0.9716



0.1699, 0.0867, 0.0476

Previews

White Background



This preview shows how the XYZ color 23.1648, 28.4693, 32.7080 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 23.1648, 28.4693, 32.7080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

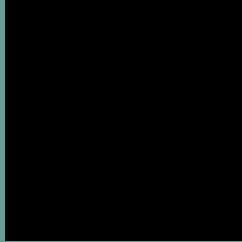
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.1648, 28.4693, 32.7080

Background



This preview shows how black text looks on a background with the XYZ color 23.1648, 28.4693, 32.7080.

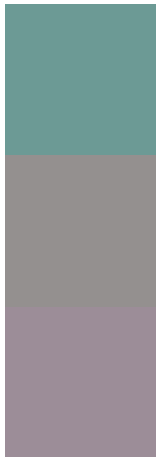


This preview shows how white text looks on a background with the XYZ color 23.1648, 28.4693,

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

23.1648, 28.4693, 32.7080

Protanopia

27.1439, 28.2256, 30.0040

Deuteranopia

28.9027, 28.3847, 33.6612



Tritanopia

24.4846, 28.5163, 39.3357

Trichromacy



Original Color

23.1648, 28.4693, 32.7080

Protanomaly

25.3736, 28.2107, 30.8959

Deuteranomaly

26.5123, 28.2811, 33.3396

Tritanomaly

24.0796, 28.6007, 37.0522

Monochromacy



Original Color

23.1648, 28.4693, 32.7080

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

23.9854, 26.8232, 29.8998

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1648, 28.4693, 32.7080 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(108, 154, 149)` looks like.

```
.text, #text, p{  
    color:rgb(108, 154, 149)  
}
```

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(108, 154, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 154, 149) }
```

Border

The CSS property to change the border of an element to XYZ 23.1648, 28.4693, 32.7080 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(108, 154, 149) }
```


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

```
.border{ border-color:rgb(108, 154, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 154, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 154, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 154, 149);  
box-shadow:4px 4px 4px 4px rgb(108, 154,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1648, 28.4693, 32.7080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 154, 149) }
```

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

```
.background{ background-color: rgb(108,  
154, 149) }
```

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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