

Converting Colors

XYZ(23.7585, 28.2348, 28.2247)

Have a look what the booklet for
XYZ(23.7585, 28.2348, 28.2247)
contains.

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Color

**XYZ(23.6801, 28.1058,
28.2216)**

Conversions

Conversions Part 1

Format	Color
Hex	7A978A
RGB	122, 151, 138
RGB Percent	48%, 59%, 54%
CMY	0.5216, 0.4078, 0.4588
CMYK	0.19, 0.00, 0.09, 0.41
HSL	153°, 12%, 54%
HSV	153°, 19%, 59%
XYZ	23.6801, 28.1058, 28.2216
YIQ	140.8470, -13.1110, -10.1910

Conversions

Conversions Part 2

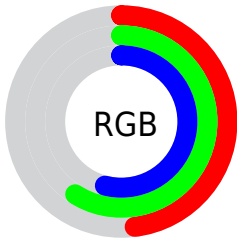
Format	Color
R_{YB}	122, 141, 151
Decimal	8034186
CIE _{Lab}	59.98, -12.90, 3.49
CIE _{LCh}	60, 13.363, 164.862
Yxy	28.1058, 0.2960, 0.3513
Android (android.graphics.Color)	4286224266 (0xFF7A978A)
YUV	140.8470, -1.4036, -16.5288
Hunter-Lab	53.0149, -13.0457, 5.5484

Details

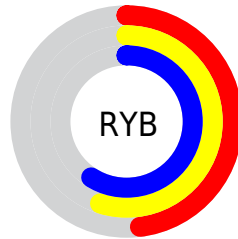
The XYZ color **23.6801, 28.1058, 28.2216** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.0962, 22.2484, 25.9473**, and the grayscale version is **25.2671, 26.5830, 28.9489**.

A 20% lighter version of the original color is **48.9145, 56.5382, 57.6251**, and **9.0663, 11.2354, 10.9233** is the 20% darker color. If you saturate the color by 10%, you get **21.2311, 26.8989, 25.6280**, and if you desaturate by 10%, it is **26.4935, 29.4985, 30.9930**.

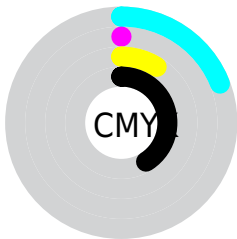
Distribution



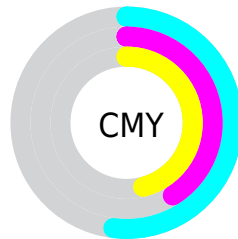
- Red (48%)
- Green (59%)
- Blue (54%)



- Red (48%)
- Yellow (55%)
- Blue (59%)



- Cyan (19%)
- Magenta (0%)
- Yellow (9%)
- Black (41%)



- Cyan (52%)
- Magenta (41%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.6801, 28.1058, 28.2216 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 23.6801, 28.1058, 28.2216 by changing the saturation by 10% instead.

■ 23.6801, 28.1058,
28.2216

■ 23.6801, 28.1058,
28.2216

263.6698,
292.9721, 307.4695

■ 15.2199, 18.4054,
18.2523

■ 48.9661, 56.6533,
57.8654

■ 9.0612, 11.2415,
10.9599

■ 66.5227, 76.2692,
78.3769

■ 4.8386, 6.2295,
5.9261

■ 87.8422, 99.9591,
103.2397

■ 2.1866, 2.9851,
2.7321

113.2899,
128.1074, 132.8721

■ 0.7357, 1.1240,
0.9595

143.2311,
161.0985, 167.6927

■ 0.0000, 0.0000,
0.0000

178.0313,

199.3167, 208.1201

218.0557,
243.1464, 254.5729

■ 23.6801, 28.1058,
28.2216

■ 23.6801, 28.1058,
28.2216

■ 21.2311, 26.8989,
25.6280

■ 26.4935, 29.4985,
30.9930

■ 19.1282, 25.8663,
23.2067

■ 29.6838, 31.0812,
33.9437

■ 17.3553, 25.0003,
20.9544

■ 33.2658, 32.8621,
37.0778

■ 15.8937, 24.2915,
18.8674

■ 37.2526, 34.8480,
40.3986

■ 14.7229, 23.7294,
16.9414

■ 41.6570, 37.0454,
43.9092

■ 13.8199, 23.3021,
15.1723

■ 46.4911, 39.4605,
47.6129

■ 13.1576, 22.9958,
13.5552

■ 51.7663, 42.0991,
51.5126

■ 12.6762, 22.7797,
12.0840

■ 57.4938, 44.9670,
55.6112

■ 12.6403, 22.7636,
11.9731

■ 62.6078, 47.5145,
59.8613

Harmonies

Analogous

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



24.4730, 28.1058, 24.4333



23.6801, 28.1058, 28.2216



23.6763, 28.1058, 33.0677

Triad

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



23.6801, 28.1058, 28.2216



27.5612, 28.1058, 40.5751



29.0990, 28.1058, 24.4607

Complementary

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



23.6801, 28.1058, 28.2216



24.0962, 22.2484, 25.9473

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.



30.0004, 28.1058, 28.2628



23.6801, 28.1058, 28.2216



29.0872, 28.1058, 37.7314

Square

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



23.6801, 28.1058, 28.2216



25.8689, 28.1058, 40.5611



29.9960, 28.1058, 33.1135



27.5767, 28.1058, 22.4239

Rectangle

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



23.6801, 28.1058, 28.2216



24.1196, 28.1058, 36.2733



29.9960, 28.1058, 33.1135



29.4875, 28.1058, 25.5557

Sweetspot

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



23.6809, 28.1070, 28.2222



49.1342, 53.6633, 57.0980



24.5802, 28.6947, 22.6559



11.0937, 12.1603, 12.9084



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



23.6809, 28.1070, 28.2222



40.4634, 49.3741, 48.5255



24.4476, 28.0425, 33.4038



6.2676, 6.9798, 7.3325



10.7674, 19.3704, 10.2617



0.1793, 0.2969, 0.2498

Inverse Universe

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



24.0962, 22.2484, 25.9473



41.3456, 36.9339, 43.6961



23.4151, 22.2630, 21.4758



6.3181, 6.2664, 7.0554



11.7512, 5.9547, 5.2147



0.1936, 0.0962, 0.1725

Previews

White Background



This preview shows how the XYZ color 23.6801, 28.1058, 28.2216 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 23.6801, 28.1058, 28.2216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

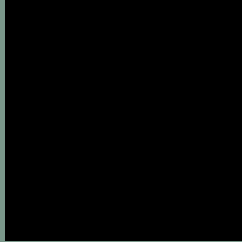
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.6801, 28.1058, 28.2216

Background



This preview shows how black text looks on a background with the XYZ color 23.6801, 28.1058, 28.2216.



This preview shows how white text looks on a background with the XYZ color 23.6801, 28.1058,

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

23.6801, 28.1058, 28.2216

Protanopia

26.6708, 28.0573, 26.5642

Deuteranopia

28.2643, 27.7296, 28.6736



Tritanopia

25.5393, 28.1535, 37.3458

Trichromacy



Original Color

23.6801, 28.1058, 28.2216

Protanomaly

25.4544, 28.1057, 27.0050

Deuteranomaly

26.3367, 27.6200, 28.3692

Tritanomaly

24.8724, 28.1219, 33.8229

Monochromacy



Original Color

23.6801, 28.1058, 28.2216

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.6905, 27.2126, 28.7622

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.6801, 28.1058, 28.2216 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(122, 151, 138)` looks like.

```
.text, #text, p{  
    color:rgb(122, 151, 138)  
}
```

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(122, 151, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 151, 138) }
```

Border

The CSS property to change the border of an element to XYZ 23.6801, 28.1058, 28.2216 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(122, 151, 138) }
```


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

```
.border{ border-color:rgb(122, 151, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 151, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 151, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 151, 138);  
box-shadow:4px 4px 4px 4px rgb(122, 151,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 23.6801, 28.1058, 28.2216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 151, 138) }
```

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

```
.background{ background-color: rgb(122,  
151, 138) }
```

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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