

Converting Colors

XYZ(22.3373, 23.7280, 27.5059)

Have a look what the booklet for
XYZ(22.3373, 23.7280, 27.5059)
contains.

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Color

**XYZ(22.3185, 23.6310,
27.4297)**

Conversions

Conversions Part 1

Format	Color
Hex	82868A
RGB	130, 134, 138
RGB Percent	51%, 53%, 54%
CMY	0.4902, 0.4745, 0.4588
CMYK	0.06, 0.03, 0.00, 0.46
HSL	210°, 3%, 53%
HSV	210°, 6%, 54%
XYZ	22.3185, 23.6310, 27.4297
YIQ	133.2600, -3.6680, 0.3960

Conversions

Conversions Part 2

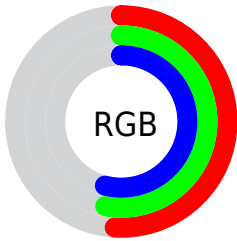
Format	Color
R_{YB}	130, 133, 138
Decimal	8554122
CIE Lab	55.72, -0.65, -2.66
CIE LCh	56, 2.744, 256.229
Yxy	23.6310, 0.3042, 0.3220
Android (android.graphics.Color)	4286744202 (0xFF82868A)
YUV	133.2600, 2.3368, -2.8590
Hunter-Lab	48.6117, -3.1180, 0.5732

Details

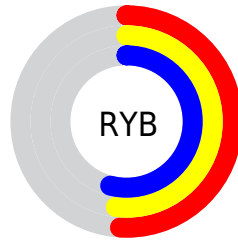
The XYZ color **22.3185, 23.6310, 27.4297** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.0357, 24.0651, 24.5505**, and the grayscale version is **22.3823, 23.5480, 25.6437**.

A 20% lighter version of the original color is **46.7027, 49.3695, 56.3580**, and **8.3251, 8.7946, 10.4913** is the 20% darker color. If you saturate the color by 10%, you get **19.4199, 20.7681, 27.0302**, and if you desaturate by 10%, it is **25.5646, 26.7667, 27.8642**.

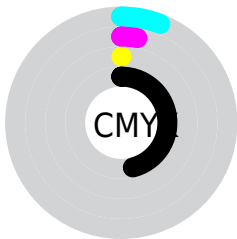
Distribution



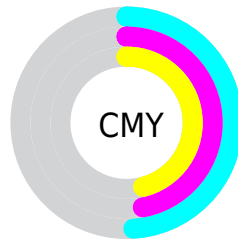
- Red (51%)
- Green (53%)
- Blue (54%)



- Red (51%)
- Yellow (52%)
- Blue (54%)



- Cyan (6%)
- Magenta (3%)
- Yellow (0%)
- Black (46%)



- Cyan (49%)
- Magenta (47%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.3185, 23.6310, 27.4297 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 22.3185, 23.6310, 27.4297 by changing the saturation by 10% instead.

■ 22.3185, 23.6310,
27.4297

■ 22.3185, 23.6310,
27.4297

256.8063,
270.9496, 303.5574

■ 14.2090, 15.0601,
17.6609

■ 46.7468, 49.4274,
56.5847

■ 8.3489, 8.8616,
10.5399

■ 63.7963, 67.4217,
76.8081

■ 4.3727, 4.6510,
5.6481

■ 84.5566, 89.3259,
101.3533

■ 1.9150, 2.0440,
2.5670

109.3929,
115.5244, 130.6390

■ 0.5856, 0.6328,
0.8754

138.6707,
146.4016, 165.0838

■ 0.0000, 0.0000,
0.0000

172.7553,

182.3420, 205.1060

212.0120,
223.7298, 251.1244

■ 22.3185, 23.6310,
27.4297

■ 22.3185, 23.6310,
27.4297

■ 19.4199, 20.7681,
27.0302

■ 25.5646, 26.7667,
27.8642

■ 16.8543, 18.1667,
26.6633

■ 29.1678, 30.1798,
28.3331

■ 14.6093, 15.8194,
26.3286

■ 33.1401, 33.8788,
28.8377

■ 12.6707, 13.7169,
26.0250

■ 37.4920, 37.8708,
29.3789

■ 11.0233, 11.8496,
25.7513

■ 42.2338, 42.1627,
29.9574

■ 9.6504, 10.2068,
25.5066

■ 47.3754, 46.7609,
30.5739

■ 8.5336, 8.7769,
25.2895

■ 52.9261, 51.6720,
31.2293

■ 7.6516, 7.5470,
25.0986

■ 58.8950, 56.9020,
31.9242

■ 6.9731, 6.4985,
24.9319

■ 65.2911, 62.4570,
32.6593

Harmonies

Analogous

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



22.0494, 23.6310, 26.9868



22.3185, 23.6310, 27.4297



22.6281, 23.6310, 27.4099

Triad

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



22.3185, 23.6310, 27.4297



23.0397, 23.6310, 25.2545



22.0315, 23.6310, 24.5634

Complementary

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



22.3185, 23.6310, 27.4297



23.0357, 24.0651, 24.5505

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.



22.2938, 23.6310, 24.1205



22.3185, 23.6310, 27.4297



22.8768, 23.6310, 24.5131

Square

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



22.3185, 23.6310, 27.4297



23.0464, 23.6310, 26.1400



22.6032, 23.6310, 24.1023



21.8847, 23.6310, 25.3246

Rectangle

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



22.3185, 23.6310, 27.4297



22.8158, 23.6310, 27.1366



22.6032, 23.6310, 24.1023



22.1090, 23.6310, 24.3732

Sweetspot

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



22.3192, 23.6320, 27.4302



41.4158, 43.6725, 48.6300



22.5886, 24.6407, 26.0716



9.3069, 9.8125, 10.9098



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



22.3192, 23.6320, 27.4302



38.6143, 40.9444, 48.2510



21.7942, 22.5821, 27.2552



5.0952, 5.4037, 6.3803



6.1737, 5.6178, 22.8046



0.0556, 0.0666, 0.1564

Inverse Universe

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



22.7675, 23.0903, 25.8123



39.5831, 39.7869, 44.7519



23.5803, 25.1541, 24.7320



5.2264, 5.2472, 5.9067



10.6030, 5.3513, 5.6798



0.0778, 0.0385, 0.0766

Previews

White Background



This preview shows how the XYZ color 22.3185, 23.6310, 27.4297 looks on a white background.

Color Contrast Check

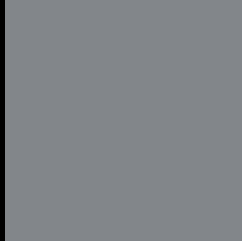
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.3185, 23.6310, 27.4297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

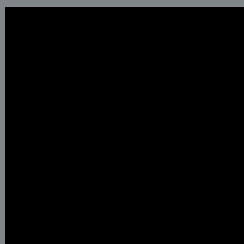
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.3185, 23.6310, 27.4297

Background



This preview shows how black text looks on a background with the XYZ color 22.3185, 23.6310, 27.4297.



This preview shows how white text looks on a background with the XYZ color 22.3185, 23.6310,

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

22.3185, 23.6310, 27.4297

Protanopia

22.8946, 23.7321, 27.0410

Deuteranopia

24.0121, 23.4939, 27.6953



Tritanopia

22.7816, 23.6140, 29.7428

Trichromacy



Original Color

22.3185, 23.6310, 27.4297

Protanomaly

22.5758, 23.5677, 27.0261

Deuteranomaly

23.4240, 23.5856, 27.7440

Tritanomaly

22.6301, 23.5533, 28.9447

Monochromacy



Original Color

22.3185, 23.6310, 27.4297

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.2764, 23.4299, 26.2700

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.3185, 23.6310, 27.4297 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(130, 134, 138)` looks like.

```
.text, #text, p{  
    color:rgb(130, 134, 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(130, 134, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 134, 138) }
```

Border

The CSS property to change the border of an element to XYZ 22.3185, 23.6310, 27.4297 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(130, 134, 138) }
```


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

```
.border{ border-color:rgb(130, 134, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 134, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 134, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 134, 138);  
box-shadow:4px 4px 4px 4px rgb(130, 134,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 22.3185, 23.6310, 27.4297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 134, 138) }
```

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

```
.background{ background-color: rgb(130,  
134, 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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