

Converting Colors

XYZ(23.0808, 24.4762, 28.1761)

Have a look what the booklet for
XYZ(23.0808, 24.4762, 28.1761)
contains.

XYZ(23.0535, 24.4073, 28.3070)	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(23.0535, 24.4073,
28.3070)**

Conversions

Conversions Part 1

Format	Color
Hex	84888C
RGB	132, 136, 140
RGB Percent	52%, 53%, 55%
CMY	0.4823, 0.4667, 0.4510
CMYK	0.06, 0.03, 0.00, 0.45
HSL	210°, 3%, 53%
HSV	210°, 6%, 55%
XYZ	23.0535, 24.4073, 28.3070
YIQ	135.2600, -3.6680, 0.3960

Conversions

Conversions Part 2

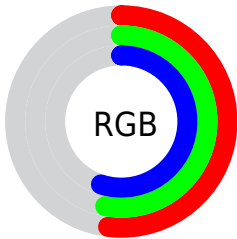
Format	Color
R_{YB}	132, 135, 140
Decimal	8685708
CIE _{Lab}	56.49, -0.65, -2.66
CIE _{LCh}	56, 2.737, 256.217
Yxy	24.4073, 0.3043, 0.3221
Android (android.graphics.Color)	4286875788 (0xFF84888C)
YUV	135.2600, 2.3368, -2.8590
Hunter-Lab	49.4037, -3.1623, 0.6111

Details

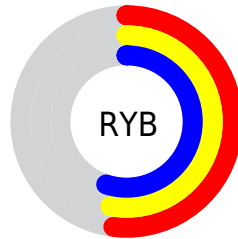
The XYZ color **23.0535, 24.4073, 28.3070** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.7843, 24.8495, 25.3730**, and the grayscale version is **23.1188, 24.3228, 26.4875**.

A 20% lighter version of the original color is **47.9428, 50.6045, 58.2797**, and **8.7405, 9.2328, 10.9943** is the 20% darker color. If you saturate the color by 10%, you get **20.0562, 21.4475, 27.8940**, and if you desaturate by 10%, it is **26.4103, 27.6493, 28.7562**.

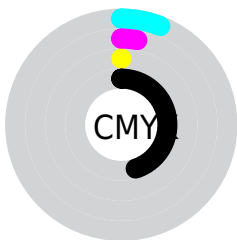
Distribution



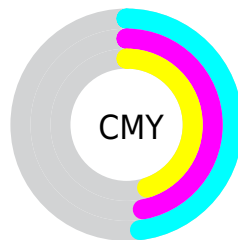
- Red (52%)
- Green (53%)
- Blue (55%)



- Red (52%)
- Yellow (53%)
- Blue (55%)



- Cyan (6%)
- Magenta (3%)
- Yellow (0%)
- Black (45%)



- Cyan (48%)
- Magenta (47%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0535, 24.4073, 28.3070 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 23.0535, 24.4073, 28.3070 by changing the saturation by 10% instead.

■ 23.0535, 24.4073,
28.3070

■ 23.0535, 24.4073,
28.3070

260.5299,
274.8732, 307.8889

■ 14.7539, 15.6360,
18.3162

■ 47.9472, 50.6940,
58.0032

■ 8.7321, 9.2670,
11.0054

■ 65.2720, 68.9783,
78.5456

■ 4.6225, 4.9157,
5.9563

■ 86.3359, 91.2024,
103.4423

■ 2.0600, 2.1979,
2.7501

111.5043,
117.7506, 133.1119

■ 0.6673, 0.7188,
0.9685

141.1426,
149.0074, 167.9727

■ 0.0000, 0.0000,
0.0000

175.6160,

185.3572, 208.4435

215.2900,
227.1843, 254.9427

■ 23.0535, 24.4073,
28.3070

■ 23.0535, 24.4073,
28.3070

■ 20.0562, 21.4475,
27.8940

■ 26.4103, 27.6493,
28.7562

■ 17.4036, 18.7583,
27.5148

■ 30.1368, 31.1785,
29.2410

■ 15.0826, 16.3320,
27.1688

■ 34.2451, 35.0035,
29.7628

■ 13.0788, 14.1591,
26.8550

■ 38.7464, 39.1316,
30.3223

■ 11.3762, 12.2294,
26.5723

■ 43.6511, 43.5701,
30.9205

■ 9.9577, 10.5320,
26.3194

■ 48.9696, 48.3256,
31.5581

■ 8.8040, 9.0548,
26.0951

■ 54.7114, 53.4048,
32.2359

■ 7.8933, 7.7845,
25.8979

■ 60.8862, 58.8141,
32.9546

■ 7.1938, 6.7023,
25.7259

■ 66.3899, 63.9859,
33.6627

Harmonies

Analogous

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



22.7792, 24.4073, 27.8557



23.0535, 24.4073, 28.3070



23.3690, 24.4073, 28.2870

Triad

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



23.0535, 24.4073, 28.3070



23.7886, 24.4073, 26.0909



22.7611, 24.4073, 25.3858

Complementary

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



23.0535, 24.4073, 28.3070



23.7843, 24.8495, 25.3730

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.



23.0286, 24.4073, 24.9343



23.0535, 24.4073, 28.3070



23.6227, 24.4073, 25.3350

Square

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



23.0535, 24.4073, 28.3070



23.7954, 24.4073, 26.9934



23.3439, 24.4073, 24.9159



22.6115, 24.4073, 26.1617

Rectangle

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



23.0535, 24.4073, 28.3070



23.5604, 24.4073, 28.0087



23.3439, 24.4073, 24.9159



22.8401, 24.4073, 25.1918

Sweetspot

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



23.0542, 24.4083, 28.3075



42.7433, 45.0725, 50.1900



23.3287, 25.4359, 26.9234



9.8670, 10.4032, 11.5674



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



23.0542, 24.4083, 28.3075



39.8493, 42.2543, 49.7986



22.5191, 23.3381, 28.1292



5.0953, 5.4037, 6.3803



6.1740, 5.6183, 22.8047



0.0556, 0.0666, 0.1564

Inverse Universe

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



23.5110, 23.8560, 26.6593



40.8501, 41.0583, 46.1838



24.3391, 25.9590, 25.5580



5.2264, 5.2472, 5.9067



10.6032, 5.3514, 5.6805



0.0778, 0.0385, 0.0766

Previews

White Background



This preview shows how the XYZ color 23.0535, 24.4073, 28.3070 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 23.0535, 24.4073, 28.3070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

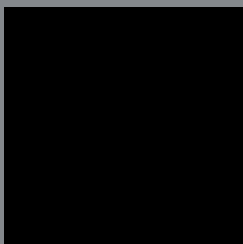
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

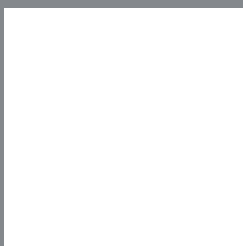
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.0535, 24.4073, 28.3070

Background



This preview shows how black text looks on a background with the XYZ color 23.0535, 24.4073, 28.3070.



This preview shows how white text looks on a background with the XYZ color 23.0535, 24.4073,

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

23.0535, 24.4073, 28.3070

Protanopia

23.6407, 24.5104, 27.9111

Deuteranopia

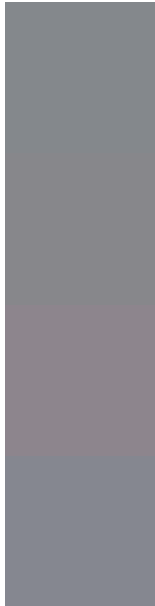
24.7781, 24.2667, 28.5773



Tritanopia

23.5251, 24.3898, 30.6619

Trichromacy



Original Color

23.0535, 24.4073, 28.3070

Protanomaly

23.3158, 24.3429, 27.8959

Deuteranomaly

24.1798, 24.3609, 28.6270

Tritanomaly

23.3709, 24.3281, 29.8496

Monochromacy



Original Color

23.0535, 24.4073, 28.3070

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.0108, 24.2024, 27.1256

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0535, 24.4073, 28.3070 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(132, 136, 140)` looks like.

```
.text, #text, p{  
    color:rgb(132, 136, 140)  
}
```

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(132, 136, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 136, 140) }
```

Border

The CSS property to change the border of an element to XYZ 23.0535, 24.4073, 28.3070 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(132, 136, 140) }
```


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

```
.border{ border-color:rgb(132, 136, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 136, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 136, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 136, 140);  
box-shadow:4px 4px 4px 4px rgb(132, 136,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0535, 24.4073, 28.3070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 136, 140) }
```

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

```
.background{ background-color: rgb(132,  
136, 140) }
```

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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