

Converting Colors

XYZ(23.3970, 28.7266, 26.5019)

Have a look what the booklet for
XYZ(23.3970, 28.7266, 26.5019)
contains.

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Color

**XYZ(23.3970, 28.7266,
26.5019)**

Conversions

Conversions Part 1

Format	Color
Hex	779A85
RGB	119, 154, 133
RGB Percent	47%, 60%, 52%
CMY	0.5333, 0.3961, 0.4784
CMYK	0.23, 0.00, 0.14, 0.40
HSL	144°, 15%, 54%
HSV	144°, 23%, 60%
XYZ	23.3970, 28.7266, 26.5019
YIQ	141.1410, -14.1190, -13.9510

Conversions

Conversions Part 2

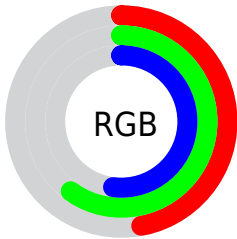
Format	Color
R_{YB}	119, 144, 154
Decimal	7838341
CIE _{Lab}	60.54, -16.55, 7.09
CIE _{LCh}	61, 18.007, 156.807
Yxy	28.7266, 0.2976, 0.3654
Android (android.graphics.Color)	4286028421 (0xFF779A85)
YUV	141.1410, -4.0135, -19.4177
Hunter-Lab	53.5972, -15.8738, 8.2013

Details

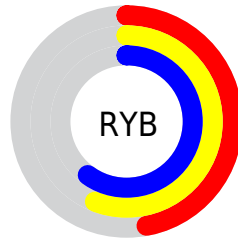
The XYZ color **23.3970, 28.7266, 26.5019** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.6579, 21.9579, 27.7510**, and the grayscale version is **25.3926, 26.7150, 29.0926**.

A 20% lighter version of the original color is **48.4321, 57.4276, 54.9864**, and **8.9763, 11.6427, 10.1617** is the 20% darker color. If you saturate the color by 10%, you get **20.8418, 27.4807, 23.1953**, and if you desaturate by 10%, it is **26.3525, 30.1739, 30.1217**.

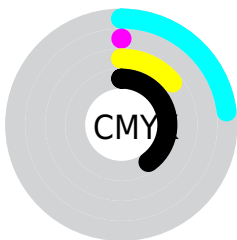
Distribution



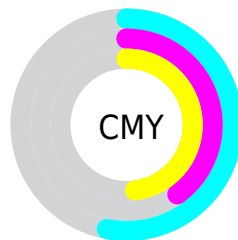
- Red (47%)
- Green (60%)
- Blue (52%)



- Red (47%)
- Yellow (56%)
- Blue (60%)



- Cyan (23%)
- Magenta (0%)
- Yellow (14%)
- Black (40%)



- Cyan (53%)
- Magenta (40%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.3970, 28.7266, 26.5019 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 23.3970, 28.7266, 26.5019 by changing the saturation by 10% instead.

■ 23.3970, 28.7266,
26.5019

■ 23.3970, 28.7266,
26.5019

262.2550,
295.9228, 298.9207

■ 15.0092, 18.8741,
16.9704

■ 48.5063, 57.6424,
55.0775

■ 8.9122, 11.5793,
10.0516

■ 65.9585, 77.4745,
74.9587

■ 4.7406, 6.4579,
5.3272

■ 87.1628, 101.4020,
99.1268

■ 2.1291, 3.1255,
2.3784

112.4848,
129.8091, 128.0004

■ 0.7049, 1.1976,
0.7746

142.2896,
163.0804, 161.9981

■ 0.0000, 0.0597,
0.0000

176.9427,

■ 0.0000, 0.0000,

201.6001, 201.5384

0.0000

216.8093,
245.7528, 247.0397

■ 23.3970, 28.7266,
26.5019

■ 23.3970, 28.7266,
26.5019

■ 20.8418, 27.4807,
23.1953

■ 26.3525, 30.1739,
30.1217

■ 18.6666, 26.4236,
20.1916

■ 29.7226, 31.8276,
34.0608

■ 16.8529, 25.5466,
17.4827

■ 33.5239, 33.6968,
38.3275

■ 15.3795, 24.8392,
15.0595

■ 37.7714, 35.7890,
42.9294

■ 14.2230, 24.2893,
12.9123

■ 42.4792, 38.1114,
47.8735

■ 13.3569, 23.8836,
11.0308

■ 47.6610, 40.6709,
53.1670

■ 12.7499, 23.6060,
9.4041

■ 53.3296, 43.4740,
58.8166

■ 12.4146, 23.4557,
8.3728

■ 59.4976, 46.5270,
64.8289

■ 65.2124, 49.3388,
71.1651

Harmonies

Analogous

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



24.7118, 28.7266, 22.1059



23.3970, 28.7266, 26.5019



23.1007, 28.7266, 32.8207

Triad

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



23.3970, 28.7266, 26.5019



27.8371, 28.7266, 45.7926



31.0421, 28.7266, 24.2172

Complementary

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



23.3970, 28.7266, 26.5019



24.6579, 21.9579, 27.7510

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.



31.9880, 28.7266, 29.7852



23.3970, 28.7266, 26.5019



30.0709, 28.7266, 42.6909

Square

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



23.3970, 28.7266, 26.5019



25.5806, 28.7266, 44.5856



31.6229, 28.7266, 36.5968



29.1026, 28.7266, 20.9235

Rectangle

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



23.3970, 28.7266, 26.5019



23.5047, 28.7266, 37.4155



31.6229, 28.7266, 36.5968



31.4917, 28.7266, 25.8520

Sweetspot

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



23.3978, 28.7278, 26.5025



51.1950, 56.4420, 58.6416



25.8002, 30.0707, 21.8976



11.5136, 12.7390, 13.1867



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.



23.3978, 28.7278, 26.5025



40.1788, 51.0494, 45.1803



24.6626, 29.2337, 33.1631



6.2294, 6.9645, 7.1314



10.1308, 19.1158, 6.9095



0.1687, 0.2927, 0.1940

Inverse Universe

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



24.6579, 21.9579, 27.7510



42.8585, 36.6485, 47.8322



23.5045, 21.4965, 21.6772



6.3565, 6.2818, 7.2576



12.4637, 6.2397, 8.9666



0.2042, 0.1004, 0.2283

Previews

White Background



This preview shows how the XYZ color 23.3970, 28.7266, 26.5019 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 23.3970, 28.7266, 26.5019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

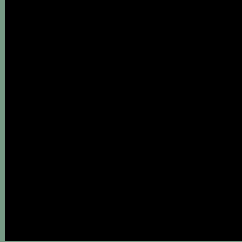
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.3970, 28.7266, 26.5019

Background



This preview shows how black text looks on a background with the XYZ color 23.3970, 28.7266, 26.5019.



This preview shows how white text looks on a background with the XYZ color 23.3970, 28.7266,

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

23.3970, 28.7266, 26.5019

Protanopia

26.9706, 28.4847, 24.4987

Deuteranopia

29.0731, 28.6139, 27.2833



Tritanopia

25.7401, 28.7064, 38.3667

Trichromacy



Original Color

23.3970, 28.7266, 26.5019

Protanomaly

25.4344, 28.3670, 25.2539

Deuteranomaly

26.6847, 28.5101, 27.0182

Tritanomaly

24.6786, 28.5052, 33.4795

Monochromacy



Original Color

23.3970, 28.7266, 26.5019

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.5392, 27.3793, 28.0361

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.3970, 28.7266, 26.5019 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(119, 154, 133)` looks like.

```
.text, #text, p{  
    color:rgb(119, 154, 133)  
}
```

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(119, 154, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 154, 133) }
```

Border

The CSS property to change the border of an element to XYZ 23.3970, 28.7266, 26.5019 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(119, 154, 133) }
```


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

```
.border{ border-color:rgb(119, 154, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 154, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 154, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 154, 133);  
box-shadow:4px 4px 4px 4px rgb(119, 154,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 23.3970, 28.7266, 26.5019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 154, 133) }
```

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

```
.background{ background-color: rgb(119,  
154, 133) }
```

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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