

Converting Colors

XYZ(23.4929, 27.2506, 37.9352)

Have a look what the booklet for
XYZ(23.4929, 27.2506, 37.9352)
contains.

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Color

**XYZ(23.4871, 27.3193,
37.7535)**

Conversions

Conversions Part 1

Format	Color
Hex	6D95A1
RGB	109, 149, 161
RGB Percent	43%, 58%, 63%
CMY	0.5725, 0.4157, 0.3686
CMYK	0.32, 0.07, 0.00, 0.37
HSL	194°, 22%, 53%
HSV	194°, 32%, 63%
XYZ	23.4871, 27.3193, 37.7535
YIQ	138.4080, -27.6920, -4.7480

Conversions

Conversions Part 2

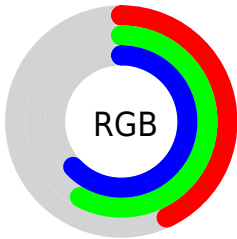
Format	Color
RYB	109, 132, 161
Decimal	7181729
CIELab	59.27, -10.67, -10.73
CIELCh	59, 15.136, 225.162
Yxy	27.3193, 0.2652, 0.3085
Android (android.graphics.Color)	4285371809 (0xFF6D95A1)
YUV	138.4080, 11.1379, -25.7908
Hunter-Lab	52.2679, -11.2580, -6.2381

Details

The XYZ color **23.4871, 27.3193, 37.7535** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.2960, 22.3561, 17.5031**, and the grayscale version is **24.2803, 25.5448, 27.8182**.

A 20% lighter version of the original color is **48.6509, 55.3511, 73.0854**, and **8.9316, 10.7693, 16.0759** is the 20% darker color. If you saturate the color by 10%, you get **21.1068, 25.2342, 37.4770**, and if you desaturate by 10%, it is **26.2506, 29.6311, 38.0545**.

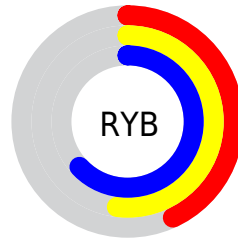
Distribution



Red (43%)

Green (58%)

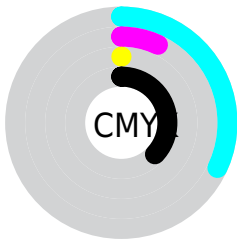
Blue (63%)



Red (43%)

Yellow (52%)

Blue (63%)

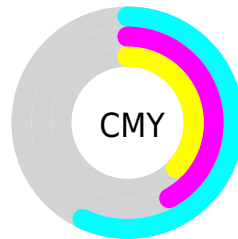


Cyan (32%)

Magenta (7%)

Yellow (0%)

Black (37%)



Cyan (57%)

Magenta (42%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.4871, 27.3193, 37.7535 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 23.4871, 27.3193, 37.7535 by changing the saturation by 10% instead.

■ 23.4871, 27.3193,
37.7535

■ 23.4871, 27.3193,
37.7535

262.7059,
289.1998, 351.8278

■ 15.0763, 17.8132,
25.4911

■ 48.6527, 55.3958,
72.9294

■ 8.9596, 10.8159,
16.2210

■ 66.1382, 74.7350,
96.6799

■ 4.7717, 5.9432,
9.5246

■ 87.3793, 98.1206,
125.0969

■ 2.1473, 2.8106,
4.9835

■ 112.7413,
125.9372, 158.5990

■ 0.7148, 1.0337,
2.1790

142.5896,
158.5689, 197.6045

■ 0.0000, 0.0000,
0.6622

177.2896,

■ 0.0000, 0.0000,

196.4004, 242.5321

0.0000

217.2066,
239.8159, 293.8004

■ 23.4871, 27.3193,
37.7535

■ 23.4871, 27.3193,
37.7535

■ 21.1068, 25.2342,
37.4770

■ 26.2506, 29.6311,
38.0545

■ 19.0873, 23.3620,
37.2220

■ 29.4132, 32.1761,
38.3791

■ 17.4074, 21.6922,
36.9883

■ 32.9932, 34.9646,
38.7286

■ 16.0428, 20.2120,
36.7745

■ 37.0067, 38.0052,
39.1040

■ 14.9656, 18.9067,
36.5793

■ 41.4690, 41.3059,
39.5059

■ 14.1428, 17.7592,
36.4012

■ 46.3947, 44.8746,
39.9351

■ 13.6222, 16.9515,
36.2727

■ 51.7977, 48.7187,
40.3923

■ 57.6913, 52.8452,
40.8782

■ 64.0882, 57.2609,
41.3934

Harmonies

Analogous

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



22.6141, 27.3193, 32.5521



23.4871, 27.3193, 37.7535



25.0466, 27.3193, 40.9838

Triad

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



23.4871, 27.3193, 37.7535



29.6399, 27.3193, 32.4918



25.0272, 27.3193, 20.7889

Complementary

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



23.4871, 27.3193, 37.7535



24.2960, 22.3561, 17.5031

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.



26.9080, 27.3193, 20.7769



23.4871, 27.3193, 37.7535



29.6341, 27.3193, 27.1061

Square

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



23.4871, 27.3193, 37.7535



28.6293, 27.3193, 37.7048



28.6138, 27.3193, 22.9594



23.4735, 27.3193, 22.9944

Rectangle

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



23.4871, 27.3193, 37.7535



26.2945, 27.3193, 41.3624



28.6138, 27.3193, 22.9594



25.6406, 27.3193, 20.5378

Sweetspot

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



23.4879, 27.3204, 37.7541



53.9652, 58.6406, 68.8610



22.4584, 30.1040, 22.4818



11.6583, 12.7213, 15.0847



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



23.4879, 27.3204, 37.7541



38.8306, 46.1127, 67.2406



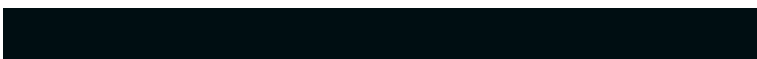
19.9145, 20.1735, 36.5630



7.1369, 7.7328, 9.0195



10.9113, 13.6021, 28.9802



0.2614, 0.3501, 0.6196

Inverse Universe

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



25.5920, 20.6849, 31.0787



43.3088, 32.6215, 52.8918



27.7788, 29.3218, 18.6641



7.2941, 7.1741, 8.5350



14.6530, 7.2173, 15.8953



0.3241, 0.1581, 0.4194

Previews

White Background



This preview shows how the XYZ color 23.4871, 27.3193, 37.7535 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 23.4871, 27.3193, 37.7535 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

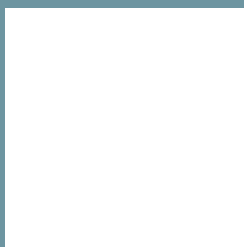
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.4871, 27.3193, 37.7535

Background



This preview shows how black text looks on a background with the XYZ color 23.4871, 27.3193, 37.7535.



This preview shows how white text looks on a background with the XYZ color 23.4871, 27.3193,

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

23.4871, 27.3193, 37.7535

Protanopia

26.5101, 27.1128, 35.2885

Deuteranopia

27.6975, 27.2206, 38.4446



Tritanopia

23.4871, 27.3193, 37.7535

Trichromacy



Original Color

23.4871, 27.3193, 37.7535

Protanomaly

25.1981, 27.0823, 36.2471

Deuteranomaly

26.0169, 27.2401, 38.0690

Tritanomaly

23.4871, 27.3193, 37.7535

Monochromacy



Original Color

23.4871, 27.3193, 37.7535

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.6137, 25.9334, 30.9552

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4871, 27.3193, 37.7535 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(109, 149, 161)` looks like.

```
.text, #text, p{  
    color:rgb(109, 149, 161)  
}
```

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(109, 149, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 149, 161) }
```

Border

The CSS property to change the border of an element to XYZ 23.4871, 27.3193, 37.7535 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(109, 149, 161) }
```


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

```
.border{ border-color:rgb(109, 149, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 149, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 149, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 149, 161);  
box-shadow:4px 4px 4px 4px rgb(109, 149,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4871, 27.3193, 37.7535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 149, 161) }
```

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

```
.background{ background-color: rgb(109,  
149, 161) }
```

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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