

Converting Colors

XYZ(23.7547, 23.4956, 31.5510)

Have a look what the booklet for
XYZ(23.7547, 23.4956, 31.5510)
contains.

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Color

**XYZ(23.7240, 23.4536,
31.7104)**

Conversions

Conversions Part 1

Format	Color
Hex	898295
RGB	137, 130, 149
RGB Percent	54%, 51%, 58%
CMY	0.4627, 0.4902, 0.4157
CMYK	0.08, 0.13, 0.00, 0.42
HSL	262°, 8%, 55%
HSV	262°, 13%, 58%
XYZ	23.7240, 23.4536, 31.7104
YIQ	134.2590, -1.9270, 7.3930

Conversions

Conversions Part 2

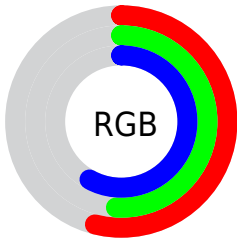
Format	Color
RYB	137, 130, 149
Decimal	9011861
CIELab	55.54, 6.47, -9.23
CIELCh	56, 11.270, 305.012
Yxy	23.4536, 0.3007, 0.2973
Android (android.graphics.Color)	4287201941 (0xFF898295)
YUV	134.2590, 7.2673, 2.4039
Hunter-Lab	48.4289, 2.6917, -4.9218

Details

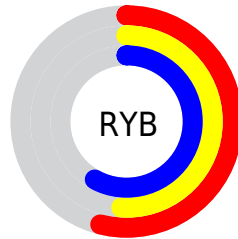
The XYZ color **23.7240, 23.4536, 31.7104** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.9329, 28.8580, 25.3236**, and the grayscale version is **22.7305, 23.9142, 26.0426**.

A 20% lighter version of the original color is **48.9482, 49.1259, 63.4023**, and **9.0775, 8.7929, 12.7740** is the 20% darker color. If you saturate the color by 10%, you get **20.4079, 19.0124, 31.0283**, and if you desaturate by 10%, it is **27.4631, 28.5402, 32.4955**.

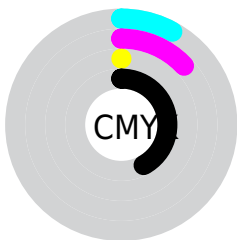
Distribution



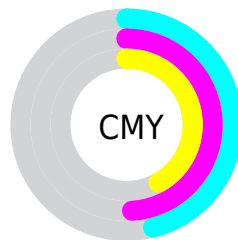
- Red (54%)
- Green (51%)
- Blue (58%)



- Red (54%)
- Yellow (51%)
- Blue (58%)



- Cyan (8%)
- Magenta (13%)
- Yellow (0%)
- Black (42%)



- Cyan (46%)
- Magenta (49%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.7240, 23.4536, 31.7104 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 23.7240, 23.4536, 31.7104 by changing the saturation by 10% instead.

■ 23.7240, 23.4536,
31.7104

■ 23.7240, 23.4536,
31.7104

263.8886,
270.0463, 324.2499

■ 15.2526, 14.9288,
20.8774

■ 49.0374, 49.1371,
63.4494

■ 9.0844, 8.7694,
12.8441

■ 66.6101, 67.0645,
85.1926

■ 4.8538, 4.5911,
7.1918

■ 87.9474, 88.8950,
111.4095

■ 2.1956, 2.0094,
3.5021

113.4145,
115.0129, 142.5187

■ 0.7404, 0.6129,
1.3564

143.3768,
145.8025, 178.9389

■ 0.0000, 0.0000,
0.1073

178.1997,

■ 0.0000, 0.0000,

181.6484, 221.0884

0.0000

218.2485,
222.9349, 269.3859

■ 23.7240, 23.4536,
31.7104

■ 23.7240, 23.4536,
31.7104

■ 20.4079, 19.0124,
31.0283

■ 27.4631, 28.5402,
32.4955

■ 17.4970, 15.1874,
30.4434

■ 31.6380, 34.2939,
33.3860

■ 14.9753, 11.9512,
29.9517

■ 36.2634, 40.7393,
34.3863

■ 12.8248, 9.2736,
29.5482

■ 41.3528, 47.8987,
35.5000

■ 11.0260, 7.1212,
29.2275

■ 46.9190, 55.7932,
36.7304

■ 9.5575, 5.4572,
28.9838

■ 52.9744, 64.4434,
38.0809

■ 8.3951, 4.2398,
28.8100

■ 59.5309, 73.8689,
39.5547

■ 7.5107, 3.4195,
28.6983

■ 66.5999, 84.0883,
41.1546

■ 6.9942, 2.9789,
28.6405

■ 71.2189, 89.1731,
41.8926

Harmonies

Analogous

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



22.5062, 23.4536, 33.1647



23.7240, 23.4536, 31.7104



24.5817, 23.4536, 28.6098

Triad

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



23.7240, 23.4536, 31.7104



23.3405, 23.4536, 19.7028



19.9445, 23.4536, 26.1535

Complementary

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



23.7240, 23.4536, 31.7104



25.9329, 28.8580, 25.3236

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.



20.1490, 23.4536, 22.6925



23.7240, 23.4536, 31.7104



22.0791, 23.4536, 19.1788

Square

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



23.7240, 23.4536, 31.7104



24.3545, 23.4536, 21.7274



20.9187, 23.4536, 20.2218



20.3493, 23.4536, 29.7677

Rectangle

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



23.7240, 23.4536, 31.7104



24.8168, 23.4536, 26.1505



20.9187, 23.4536, 20.2218



19.9444, 23.4536, 24.9331

Sweetspot

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



23.7247, 23.4546, 31.7109



48.2465, 49.8306, 57.9966



24.3096, 26.2725, 32.2240



10.5846, 10.8962, 12.8301



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



23.7247, 23.4546, 31.7109



40.8993, 39.8638, 56.4601



25.3454, 24.2901, 31.7868



5.6892, 5.7308, 7.2760



5.9170, 2.5229, 24.1061



0.1029, 0.0466, 0.2965

Inverse Universe

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



25.2604, 24.3089, 28.9531



44.1601, 41.6786, 50.5672



24.3769, 28.0559, 25.2508



5.9456, 5.8733, 6.8196



12.1510, 6.0655, 9.5423



0.1630, 0.0799, 0.1919

Previews

White Background



This preview shows how the XYZ color 23.7240, 23.4536, 31.7104 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 23.7240, 23.4536, 31.7104 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 23.7240, 23.4536, 31.7104

Background



This preview shows how black text looks on a background with the XYZ color 23.7240, 23.4536, 31.7104.



This preview shows how white text looks on a background with the XYZ color 23.7240, 23.4536,

31.7104.

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

23.7240, 23.4536, 31.7104

Protanopia

22.9622, 23.4504, 32.1703

Deuteranopia

23.8887, 23.5385, 31.7181



Tritanopia

23.1521, 23.4198, 28.8914

Trichromacy



Original Color

23.7240, 23.4536, 31.7104

Protanomaly

23.2942, 23.4212, 32.1472

Deuteranomaly

23.8887, 23.5385, 31.7181

Tritanomaly

23.3805, 23.5112, 30.0939

Monochromacy



Original Color

23.7240, 23.4536, 31.7104

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.0394, 23.7900, 27.8037

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.7240, 23.4536, 31.7104 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(137, 130, 149)` looks like.

```
.text, #text, p{  
    color:rgb(137, 130, 149)  
}
```

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(137, 130, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 130, 149) }
```

Border

The CSS property to change the border of an element to XYZ 23.7240, 23.4536, 31.7104 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(137, 130, 149) }
```


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

```
.border{ border-color:rgb(137, 130, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 130, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 130, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 130, 149);  
box-shadow:4px 4px 4px 4px rgb(137, 130,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 23.7240, 23.4536, 31.7104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 130, 149) }
```

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

```
.background{ background-color: rgb(137,  
130, 149) }
```

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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