

Converting Colors

XYZ(23.8039, 31.8079, 22.0423)

Have a look what the booklet for
XYZ(23.8039, 31.8079, 22.0423)
contains.

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Color

**XYZ(23.7954, 31.8631,
22.0356)**

Conversions

Conversions Part 1

Format	Color
Hex	73A576
RGB	115, 165, 118
RGB Percent	45%, 65%, 46%
CMY	0.5490, 0.3529, 0.5372
CMYK	0.30, 0.00, 0.28, 0.35
HSL	124°, 22%, 55%
HSV	124°, 30%, 65%
XYZ	23.7954, 31.8631, 22.0356
YIQ	144.6920, -14.7130, -25.2170

Conversions

Conversions Part 2

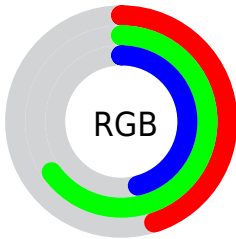
Format	Color
RYB	115, 162, 165
Decimal	7578998
CIELab	63.23, -26.38, 19.18
CIElCh	63, 32.614, 143.978
Yxy	31.8631, 0.3063, 0.4101
Android (android.graphics.Color)	4285769078 (0xFF73A576)
YUV	144.6920, -13.1592, -26.0399
Hunter-Lab	56.4474, -23.5363, 16.3679

Details

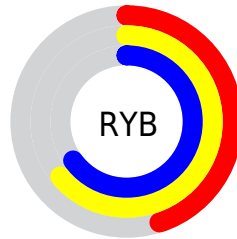
The XYZ color **23.7954, 31.8631, 22.0356** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **28.1705, 22.8702, 37.1134**, and the grayscale version is **26.8453, 28.2434, 30.7570**.

A 20% lighter version of the original color is **48.9973, 62.4135, 47.4948**, and **9.1593, 13.3637, 7.7269** is the 20% darker color. If you saturate the color by 10%, you get **20.9697, 30.5052, 17.4814**, and if you desaturate by 10%, it is **27.1628, 33.4846, 27.4077**.

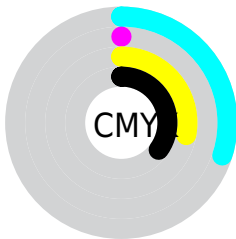
Distribution



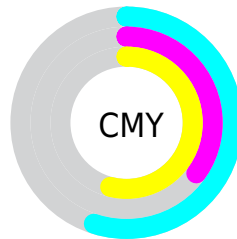
- Red (45%)
- Green (65%)
- Blue (46%)



- Red (45%)
- Yellow (64%)
- Blue (65%)



- Cyan (30%)
- Magenta (0%)
- Yellow (28%)
- Black (35%)



- Cyan (55%)
- Magenta (35%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.7954, 31.8631, 22.0356 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 23.7954, 31.8631, 22.0356 by changing the saturation by 10% instead.

■ 23.7954, 31.8631,
22.0356

■ 23.7954, 31.8631,
22.0356

264.2442,
310.4952, 275.6917

■ 15.3058, 21.2570,
13.6845

■ 49.1532, 62.5964,
47.7078

■ 9.1220, 13.3120,
7.7653

■ 66.7522, 83.4924,
65.8659

■ 4.8786, 7.6437,
3.8595

■ 88.1183, 108.5870,
88.1302

■ 2.2102, 3.8678,
1.5486

113.6170,
138.2649, 114.9190

■ 0.7481, 1.5999,
0.2537

143.6136,
172.9102, 146.6511

■ 0.0000, 0.3575,
0.0000

178.4734,

■ 0.0000, 0.0000,

212.9074, 183.7449

0.0000

218.5618,
258.6409, 226.6189

■ 23.7954, 31.8631,
22.0356

■ 23.7954, 31.8631,
22.0356

■ 20.9697, 30.5052,
17.4814

■ 27.1628, 33.4846,
27.4077

■ 18.6550, 29.3932,
13.7030

■ 31.0954, 35.3782,
33.6328

■ 16.8215, 28.5135,
10.6579


■ 35.6184, 37.5571,
40.7464


■ 15.4352, 27.8496,
8.2984


■ 40.7549, 40.0326,
48.7817


■ 14.4578, 27.3829,
6.5713


■ 46.5265, 42.8150,
57.7698

 13.8442, 27.0916,
5.4159

 52.9540, 45.9144,
67.7407

 13.5100, 26.9332,
4.7709

 60.0569, 49.3404,
78.7227

 67.8544, 53.1021,
90.7433

 72.7457, 55.3915,
101.4652

Harmonies

Analogous

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



26.8939, 31.8631, 16.5815



23.7954, 31.8631, 22.0356



22.4497, 31.8631, 32.1513

Triad

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



23.7954, 31.8631, 22.0356



29.3837, 31.8631, 65.7375



38.9247, 31.8631, 25.5432

Complementary

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



23.7954, 31.8631, 22.0356



28.1705, 22.8702, 37.1134

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.



39.7591, 31.8631, 37.3663



23.7954, 31.8631, 22.0356



33.9496, 31.8631, 62.7115

Square

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



23.7954, 31.8631, 22.0356



25.4634, 31.8631, 58.9221



37.8585, 31.8631, 51.4552



35.6796, 31.8631, 18.2267

Rectangle

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



23.7954, 31.8631, 22.0356



22.6214, 31.8631, 41.0486



37.8585, 31.8631, 51.4552



39.5090, 31.8631, 29.0307

Sweetspot

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



23.7962, 31.8644, 22.0363



56.5555, 63.7753, 61.6007



31.5531, 35.8835, 21.4832



12.1332, 13.8313, 13.1028



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



23.7962, 31.8644, 22.0363



39.2893, 55.4647, 34.1143



25.4464, 32.5245, 30.7261



7.0020, 7.9016, 7.6223



10.2268, 20.3770, 3.6446



0.2198, 0.4301, 0.1022

Inverse Universe

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



28.1705, 22.8702, 37.1134



48.3278, 36.8745, 65.2644



26.2001, 22.0820, 26.7376



7.3459, 7.1948, 8.8079



16.2275, 7.8471, 24.1866



0.3461, 0.1669, 0.5353

Previews

White Background



This preview shows how the XYZ color 23.7954, 31.8631, 22.0356 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 23.7954, 31.8631, 22.0356 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 ✓ Pass

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

XYZ 23.7954, 31.8631, 22.0356

Background



This preview shows how black text looks on a background with the XYZ color 23.7954, 31.8631, 22.0356.



This preview shows how white text looks on a background with the XYZ color 23.7954, 31.8631,

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

23.7954, 31.8631, 22.0356

Protanopia

29.4627, 31.5188, 19.8601

Deuteranopia

32.1518, 31.4279, 22.7840



Tritanopia

28.0350, 31.7540, 43.1796

Trichromacy



Original Color

23.7954, 31.8631, 22.0356

Protanomaly

26.9483, 31.4398, 20.5678

Deuteranomaly

28.3600, 31.1315, 22.6034

Tritanomaly

26.2975, 31.8217, 34.4619

Monochromacy



Original Color

23.7954, 31.8631, 22.0356

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

25.4329, 29.2741, 27.2317

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.7954, 31.8631, 22.0356 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(115, 165, 118)` looks like.

```
.text, #text, p{  
    color:rgb(115, 165, 118)  
}
```

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(115, 165, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 165, 118) }
```

Border

The CSS property to change the border of an element to XYZ 23.7954, 31.8631, 22.0356 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(115, 165, 118) }
```


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

```
.border{ border-color:rgb(115, 165, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 165, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 165, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 165, 118); box-shadow:4px 4px 4px 4px rgb(115, 165, 118) }
```

Background

The CSS property to change the background color of an element to XYZ 23.7954, 31.8631, 22.0356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 165, 118) }
```

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

```
.background{ background-color: rgb(115,  
165, 118) }
```

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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