

Converting Colors

XYZ(18.2015, 22.7120, 14.9135)

Have a look what the booklet for
XYZ(18.2015, 22.7120, 14.9135)
contains.

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Color

**XYZ(18.1031, 22.5695,
14.9575)**

Conversions

Conversions Part 1

Format	Color
Hex	718A62
RGB	113, 138, 98
RGB Percent	44%, 54%, 38%
CMY	0.5569, 0.4588, 0.6157
CMYK	0.18, 0.00, 0.29, 0.46
HSL	98°, 17%, 46%
HSV	98°, 29%, 54%
XYZ	18.1031, 22.5695, 14.9575
YIQ	125.9650, -2.0600, -17.7400

Conversions

Conversions Part 2

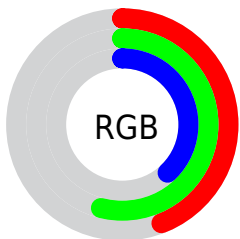
Format	Color
RYB	98, 138, 123
Decimal	7440994
CIELab	54.63, -16.74, 18.57
CIELCh	55, 25.006, 132.035
Yxy	22.5695, 0.3254, 0.4057
Android (android.graphics.Color)	4285631074 (0xFF718A62)
YUV	125.9650, -13.7867, -11.3703
Hunter-Lab	47.5074, -15.1189, 14.5879

Details

The XYZ color **18.1031, 22.5695, 14.9575** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **17.1245, 14.7820, 25.9966**, and the grayscale version is **19.8657, 20.9002, 22.7603**.

A 20% lighter version of the original color is **39.7915, 47.8685, 35.5761**, and **6.2016, 8.3085, 4.4088** is the 20% darker color. If you saturate the color by 10%, you get **16.4495, 21.7866, 11.7671**, and if you desaturate by 10%, it is **19.9757, 23.4537, 18.7456**.

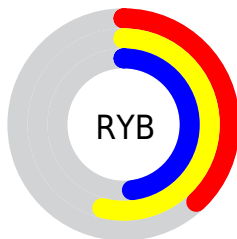
Distribution



Red (44%)

Green (54%)

Blue (38%)



Red (38%)

Yellow (54%)

Blue (48%)

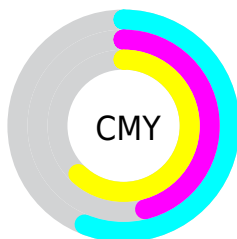


Cyan (18%)

Magenta (0%)

Yellow (29%)

Black (46%)



Cyan (56%)

Magenta (46%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1031, 22.5695, 14.9575 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 18.1031, 22.5695, 14.9575 by changing the saturation by 10% instead.

■ 18.1031, 22.5695,
14.9575

■ 18.1031, 22.5695,
14.9575

234.4859,
265.5061, 234.7407

■ 11.1242, 14.2760,
8.6433

■ 39.7416, 47.6855,
35.5199

■ 6.2183, 8.3128,
4.4156

■ 55.1319, 65.2767,
50.6051

■ 3.0202, 4.2958,
1.8560

■ 74.0568, 86.7359,
69.4510

■ 1.1645, 1.8404,
0.4645

■ 96.8814, 112.4476,
92.4762

■ 0.0780, 0.5121,
0.0000

123.9713,
142.7960, 120.0993

■ 0.0000, 0.0000,
0.0000

155.6918,

178.1656, 152.7387

192.4082,
218.9409, 190.8130

■ 18.1031, 22.5695,
14.9575

■ 18.1031, 22.5695,
14.9575

■ 16.4495, 21.7866,
11.7671

■ 19.9757, 23.4537,
18.7456

■ 15.0046, 21.0983,
9.1425

■ 22.0738, 24.4398,
23.1582

■ 13.7595, 20.5015,
7.0508

■ 24.4057, 25.5322,
28.2224

■ 12.7041, 19.9916,
5.4555

■ 26.9786, 26.7342,
33.9631

■ 11.8272, 19.5639,
4.3152

■ 29.7997, 28.0489,
40.4040

■ 11.1162, 19.2128,
3.5820

■ 32.8755, 29.4791,
47.5677

■ 10.5449, 18.9276,
3.1378

■ 36.2125, 31.0279,
55.4755

■ 10.4920, 18.9012,
3.0953

■ 39.8170, 32.6978,
64.1482

■ 43.6948, 34.4916,
73.6055

Harmonies

Analogous

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



20.3682, 22.5695, 12.5422



18.1031, 22.5695, 14.9575



16.8057, 22.5695, 20.1943

Triad

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



18.1031, 22.5695, 14.9575



19.8621, 22.5695, 41.9724



27.0483, 22.5695, 21.5508

Complementary

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



18.1031, 22.5695, 14.9575



17.1245, 14.7820, 25.9966

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.



26.8834, 22.5695, 29.5460



18.1031, 22.5695, 14.9575



22.5729, 22.5695, 42.5543

Square

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



18.1031, 22.5695, 14.9575



17.7600, 22.5695, 36.1695



25.1895, 22.5695, 37.6215



25.6224, 22.5695, 15.7671

Rectangle

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



18.1031, 22.5695, 14.9575



16.5905, 22.5695, 25.1159



25.1895, 22.5695, 37.6215



27.1802, 22.5695, 24.0406

Sweetspot

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



18.1037, 22.5705, 14.9580



38.8267, 43.0395, 40.6466



19.7284, 20.3694, 14.4475



8.5976, 9.6014, 8.8801



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



18.1037, 22.5705, 14.9580



29.8967, 38.8295, 22.4497



16.5577, 21.7473, 16.0698



5.1375, 5.6936, 5.3806



9.6344, 17.3367, 2.8385



0.0793, 0.1231, 0.0196

Inverse Universe

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



17.1245, 14.7820, 25.9966



27.8664, 22.7070, 45.2973



19.1065, 15.8419, 24.3631



5.0551, 5.0369, 6.3116



7.7629, 3.5160, 22.3152



0.0678, 0.0317, 0.1490

Previews

White Background



This preview shows how the XYZ color 18.1031, 22.5695, 14.9575 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 18.1031, 22.5695, 14.9575 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 18.1031, 22.5695, 14.9575

Background



This preview shows how black text looks on a background with the XYZ color 18.1031, 22.5695, 14.9575.



This preview shows how white text looks on a background with the XYZ color 18.1031, 22.5695,

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

18.1031, 22.5695, 14.9575

Protanopia

20.8634, 22.3669, 14.0441

Deuteranopia

22.8194, 22.3791, 15.4288



Tritanopia

20.9549, 22.4788, 29.2210

Trichromacy



Original Color

18.1031, 22.5695, 14.9575

Protanomaly

19.7048, 22.3654, 14.3447

Deuteranomaly

20.7641, 22.2886, 15.2643

Tritanomaly

19.6920, 22.3644, 23.3576

Monochromacy



Original Color

18.1031, 22.5695, 14.9575

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.0202, 21.2912, 19.6301

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1031, 22.5695, 14.9575 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(113, 138, 98)` looks like.

```
.text, #text, p{  
    color:rgb(113, 138, 98)  
}
```

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(113, 138, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 138, 98) }
```

Border

The CSS property to change the border of an element to XYZ 18.1031, 22.5695, 14.9575 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(113, 138, 98) }
```


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

```
.border{ border-color:rgb(113, 138, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 138, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 138, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 138, 98);  
box-shadow:4px 4px 4px 4px rgb(113, 138,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1031, 22.5695, 14.9575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 138, 98) }
```

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

```
.background{ background-color: rgb(113,  
138, 98) }
```

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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