

Converting Colors

XYZ(19.1462, 23.1770, 11.8520)

Have a look what the booklet for
XYZ(19.1462, 23.1770, 11.8520)
contains.

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Color

**XYZ(19.1462, 23.1770,
11.8520)**

Conversions

Conversions Part 1

Format	Color
Hex	7D8A54
RGB	125, 138, 84
RGB Percent	49%, 54%, 33%
CMY	0.5098, 0.4588, 0.6706
CMYK	0.09, 0.00, 0.39, 0.46
HSL	74°, 24%, 44%
HSV	74°, 39%, 54%
XYZ	19.1462, 23.1770, 11.8520
YIQ	127.9570, 9.5860, -19.5500

Conversions

Conversions Part 2

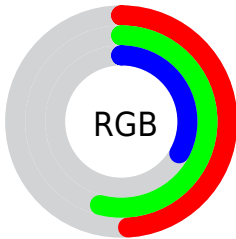
Format	Color
R_{YB}	84, 138, 97
Decimal	8227412
CIE _{Lab}	55.25, -14.03, 27.36
CIE _{LCh}	55, 30.746, 117.147
Yxy	23.1770, 0.3534, 0.4278
Android (android.graphics.Color)	4286417492 (0xFF7D8A54)
YUV	127.9570, -21.6708, -2.5933
Hunter-Lab	48.1425, -13.2602, 19.1034

Details

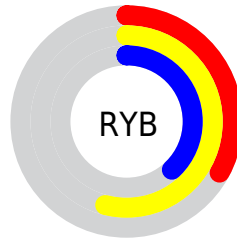
The XYZ color **19.1462, 23.1770, 11.8520** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **12.6883, 10.7176, 25.4459**, and the grayscale version is **20.5739, 21.6453, 23.5717**.

A 20% lighter version of the original color is **41.2940, 48.4478, 29.7292**, and **6.7253, 8.6089, 3.0575** is the 20% darker color. If you saturate the color by 10%, you get **18.1813, 22.7367, 9.2581**, and if you desaturate by 10%, it is **20.2350, 23.6703, 15.0086**.

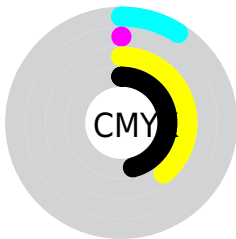
Distribution



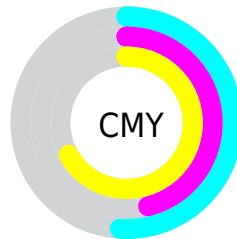
- Red (49%)
- Green (54%)
- Blue (33%)



- Red (33%)
- Yellow (54%)
- Blue (38%)



- Cyan (9%)
- Magenta (0%)
- Yellow (39%)
- Black (46%)



- Cyan (51%)
- Magenta (46%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1462, 23.1770, 11.8520 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 19.1462, 23.1770, 11.8520 by changing the saturation by 10% instead.

■ 19.1462, 23.1770,
11.8520

■ 19.1462, 23.1770,
11.8520

240.1773,
268.6328, 214.3660

■ 11.8806, 14.7243,
6.5217

■ 41.4960, 48.6838,
29.8856

■ 6.7340, 8.6261,
3.0909

■ 57.3108, 66.5066,
43.4260

■ 3.3412, 4.4981,
1.1413

■ 76.7062, 88.2216,
60.5401

■ 1.3366, 1.9559,
0.0000

■ 100.0473,
114.2132, 81.6465

■ 0.2104, 0.5817,
0.0000

■ 127.6997,
144.8657, 107.1638

■ 0.0000, 0.0000,
0.0000

160.0286,

180.5635, 137.5104

197.3993,
221.6911, 173.1050

■ 19.1462, 23.1770,
11.8520

■ 19.1462, 23.1770,
11.8520

■ 18.1813, 22.7367,
9.2581

■ 20.2350, 23.6703,
15.0086

■ 17.3321, 22.3438,
7.1923

■ 21.4520, 24.2160,
18.7569

■ 16.5921, 21.9964,
5.6185

■ 22.8031, 24.8172,
23.1255

■ 15.9534, 21.6913,
4.4955

■ 24.2936, 25.4761,
28.1409

■ 15.4066, 21.4248,
3.7753

■ 25.9284, 26.1947,
33.8279

■ 14.9287, 21.1876,
3.3372

■ 27.7120, 26.9748,
40.2101

■ 14.8882, 21.1675,
3.3010

■ 29.6488, 27.8181,
47.3100

■ 31.7431, 28.7264,
55.1490

■ 33.9989, 29.7014,
63.7475

Harmonies

Analogous

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



22.3599, 23.1770, 10.6483



19.1462, 23.1770, 11.8520



16.9257, 23.1770, 16.2897

Triad

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



19.1462, 23.1770, 11.8520



18.6315, 23.1770, 44.7334



29.3192, 23.1770, 26.1906

Complementary

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



19.1462, 23.1770, 11.8520



12.6883, 10.7176, 25.4459

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.



28.0672, 23.1770, 36.9727



19.1462, 23.1770, 11.8520



21.7014, 23.1770, 49.2834

Square

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



19.1462, 23.1770, 11.8520



16.6510, 23.1770, 34.9057



25.1876, 23.1770, 46.1288



28.4559, 23.1770, 17.5403

Rectangle

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



19.1462, 23.1770, 11.8520



16.1881, 23.1770, 21.2514



25.1876, 23.1770, 46.1288



29.1290, 23.1770, 29.6894

Sweetspot

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



19.1468, 23.1780, 11.8525



39.4221, 43.4005, 38.2335



16.3201, 14.5197, 10.3302



8.7842, 9.7087, 8.3869



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.



19.1468, 23.1780, 11.8525



32.2273, 40.1587, 16.7854



15.7697, 21.4371, 11.6944



5.3154, 5.7853, 5.3889



13.6631, 19.4136, 3.0271



0.1038, 0.1357, 0.0207

Inverse Universe

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



12.6883, 10.7176, 25.4459



19.1876, 14.9796, 44.2632



16.0130, 12.4315, 25.6015



4.8802, 4.9466, 6.3034



4.7995, 1.9883, 22.1765



0.0433, 0.0191, 0.1479

Previews

White Background



This preview shows how the XYZ color 19.1462, 23.1770, 11.8520 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 19.1462, 23.1770, 11.8520 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 19.1462, 23.1770, 11.8520

Background



This preview shows how black text looks on a background with the XYZ color 19.1462, 23.1770, 11.8520.



This preview shows how white text looks on a background with the XYZ color 19.1462, 23.1770,

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

19.1462, 23.1770, 11.8520

Protanopia

21.2759, 23.0410, 11.3086

Deuteranopia

23.4792, 22.9808, 12.2151



Tritanopia

22.4397, 23.0612, 28.4679

Trichromacy



Original Color

19.1462, 23.1770, 11.8520

Protanomaly

20.4030, 22.9931, 11.5464

Deuteranomaly

21.6950, 22.8402, 12.0692

Tritanomaly

20.9685, 23.0734, 21.1177

Monochromacy



Original Color

19.1462, 23.1770, 11.8520

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

19.9283, 22.1844, 18.5609

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1462, 23.1770, 11.8520 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(125, 138, 84)` looks like.

```
.text, #text, p{  
    color:rgb(125, 138, 84)  
}
```

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(125, 138, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 138, 84) }
```

Border

The CSS property to change the border of an element to XYZ 19.1462, 23.1770, 11.8520 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(125, 138, 84) }
```


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

```
.border{ border-color:rgb(125, 138, 84) }
```

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

Here you see how a box with a 4 pixel rgb(125, 138, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 138, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 138, 84);  
box-shadow:4px 4px 4px 4px rgb(125, 138,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1462, 23.1770, 11.8520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 138, 84) }
```

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

```
.background{ background-color: rgb(125,  
138, 84) }
```

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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