

Converting Colors

XYZ(19.1231, 23.9124, 19.0368)

Have a look what the booklet for
XYZ(19.1231, 23.9124, 19.0368)
contains.

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Color

**XYZ(19.0280, 23.8309,
18.9262)**

Conversions

Conversions Part 1

Format	Color
Hex	6E8E70
RGB	110, 142, 112
RGB Percent	43%, 56%, 44%
CMY	0.5686, 0.4431, 0.5608
CMYK	0.23, 0.00, 0.21, 0.44
HSL	124°, 13%, 49%
HSV	124°, 23%, 56%
XYZ	19.0280, 23.8309, 18.9262
YIQ	129.0120, -9.4420, -16.1140

Conversions

Conversions Part 2

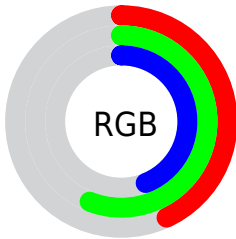
Format	Color
R_{YB}	110, 140, 142
Decimal	7245424
CIE _{Lab}	55.92, -17.49, 12.38
CIE _{LCh}	56, 21.432, 144.716
Yxy	23.8309, 0.3080, 0.3857
Android (android.graphics.Color)	4285435504 (0xFF6E8E70)
YUV	129.0120, -8.3869, -16.6735
Hunter-Lab	48.8169, -15.8533, 11.1852

Details

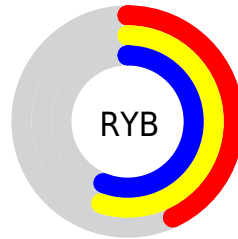
The XYZ color **19.0280, 23.8309, 18.9262** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **21.4656, 18.7965, 27.3085**, and the grayscale version is **20.9018, 21.9903, 23.9474**.

A 20% lighter version of the original color is **41.3411, 49.8416, 42.5634**, and **6.6770, 9.0166, 6.2389** is the 20% darker color. If you saturate the color by 10%, you get **16.7136, 22.7179, 15.2307**, and if you desaturate by 10%, it is **21.7364, 25.1358, 23.2133**.

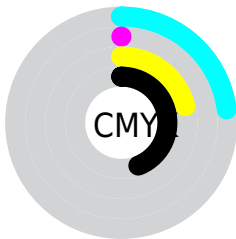
Distribution



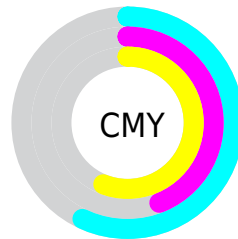
- Red (43%)
- Green (56%)
- Blue (44%)



- Red (43%)
- Yellow (55%)
- Blue (56%)



- Cyan (23%)
- Magenta (0%)
- Yellow (21%)
- Black (44%)



- Cyan (57%)
- Magenta (44%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0280, 23.8309, 18.9262 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 19.0280, 23.8309, 18.9262 by changing the saturation by 10% instead.

■ 19.0280, 23.8309,
18.9262

■ 19.0280, 23.8309,
18.9262

239.5384,
271.9645, 258.4502

■ 11.7946, 15.2082,
11.4407

■ 41.2979, 49.7541,
42.4444

■ 6.6752, 8.9657,
6.2462

■ 57.0652, 67.8234,
59.3142

■ 3.3043, 4.7188,
2.9241

■ 76.4078, 89.8105,
80.1491

■ 1.3167, 2.0832,
1.0560

■ 99.6911, 116.0995,
105.3677

■ 0.1956, 0.6552,
0.0000

127.2805,
147.0751, 135.3886

■ 0.0000, 0.0000,
0.0000

159.5412,

183.1215, 170.6303

196.8388,
224.6231, 211.5113

■ 19.0280, 23.8309,
18.9262

■ 19.0280, 23.8309,
18.9262

■ 16.7136, 22.7179,
15.2307

■ 21.7364, 25.1358,
23.2133

■ 14.7731, 21.7848,
12.0993

■ 24.8541, 26.6377,
28.1147

■ 13.1875, 21.0232,
9.5047

■ 28.3977, 28.3456,
33.6539

■ 11.9352, 20.4225,
7.4169

■ 32.3823, 30.2667,
39.8524

■ 10.9923, 19.9712,
5.8027

■ 36.8226, 32.4080,
46.7312

■ 10.3319, 19.6561,
4.6250

■ 41.7321, 34.7763,
54.3099

■ 9.9222, 19.4618,
3.8414

■ 47.1242, 37.3780,
62.6075

■ 9.7222, 19.3665,
3.4807

■ 53.0115, 40.2191,
71.6425

■ 59.4062, 43.3057,
81.4322

Harmonies

Analogous

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



20.7425, 23.8309, 15.5444



19.0280, 23.8309, 18.9262



18.2873, 23.8309, 24.7284

Triad

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



19.0280, 23.8309, 18.9262



22.2207, 23.8309, 41.7831



27.1917, 23.8309, 20.7189

Complementary

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



19.0280, 23.8309, 18.9262



21.4656, 18.7965, 27.3085

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.



27.6579, 23.8309, 27.2067



19.0280, 23.8309, 18.9262



24.6722, 23.8309, 40.1891

Square

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



19.0280, 23.8309, 18.9262



20.0438, 23.8309, 38.5531



26.7060, 23.8309, 34.5212



25.4740, 23.8309, 16.4416

Rectangle

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



19.0280, 23.8309, 18.9262



18.4038, 23.8309, 29.5179



26.7060, 23.8309, 34.5212



27.5050, 23.8309, 22.6778

Sweetspot

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



19.0286, 23.8319, 18.9267



41.2006, 45.7060, 45.4550



23.3713, 26.0834, 18.5547



9.1433, 10.1801, 10.0597



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



19.0286, 23.8319, 18.9267



31.4180, 40.9955, 29.9720



19.9741, 24.2101, 23.9052



5.3557, 6.0345, 5.8391



8.7312, 17.3884, 3.1388



0.0857, 0.1671, 0.0415

Inverse Universe

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



21.4656, 18.7965, 27.3085



36.4897, 30.5147, 47.4143



20.3954, 18.3684, 21.6727



5.6119, 5.5053, 6.7203



13.8270, 6.6878, 20.5380



0.1350, 0.0651, 0.2114

Previews

White Background



This preview shows how the XYZ color 19.0280, 23.8309, 18.9262 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 19.0280, 23.8309, 18.9262 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 19.0280, 23.8309, 18.9262

Background



This preview shows how black text looks on a background with the XYZ color 19.0280, 23.8309, 18.9262.



This preview shows how white text looks on a background with the XYZ color 19.0280, 23.8309,

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

19.0280, 23.8309, 18.9262

Protanopia

22.2496, 23.6086, 17.5716

Deuteranopia

24.0816, 23.7106, 19.5270



Tritanopia

21.4934, 23.7424, 31.4669

Trichromacy



Original Color

19.0280, 23.8309, 18.9262

Protanomaly

20.7704, 23.4583, 17.9012

Deuteranomaly

21.8789, 23.5835, 19.3185

Tritanomaly

20.5452, 23.7919, 26.4311

Monochromacy



Original Color

19.0280, 23.8309, 18.9262

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

20.1263, 22.6178, 22.0438

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0280, 23.8309, 18.9262 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(110, 142, 112)` looks like.

```
.text, #text, p{  
    color:rgb(110, 142, 112)  
}
```

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(110, 142, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 142, 112) }
```

Border

The CSS property to change the border of an element to XYZ 19.0280, 23.8309, 18.9262 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(110, 142, 112) }
```


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

```
.border{ border-color:rgb(110, 142, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 142, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 142, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 142, 112);  
box-shadow:4px 4px 4px 4px rgb(110, 142,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0280, 23.8309, 18.9262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 142, 112) }
```

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

```
.background{ background-color: rgb(110,  
142, 112) }
```

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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