

Converting Colors

XYZ(19.4711, 18.2655, 25.5617)

Have a look what the booklet for
XYZ(19.4711, 18.2655, 25.5617)
contains.

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Color

**XYZ(19.4842, 18.3054,
25.4280)**

Conversions

Conversions Part 1

Format	Color
Hex	827187
RGB	130, 113, 135
RGB Percent	51%, 44%, 53%
CMY	0.4902, 0.5568, 0.4706
CMYK	0.04, 0.16, 0.00, 0.47
HSL	286°, 9%, 49%
HSV	286°, 16%, 53%
XYZ	19.4842, 18.3054, 25.4280
YIQ	120.5910, 3.0700, 10.4460

Conversions

Conversions Part 2

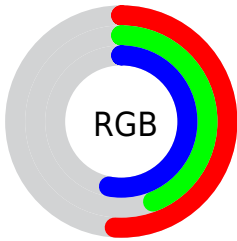
Format	Color
R_{YB}	130, 113, 135
Decimal	8548743
CIE _{Lab}	49.86, 10.92, -9.60
CIE _{LCh}	50, 14.541, 318.664
Yxy	18.3054, 0.3082, 0.2896
Android (android.graphics.Color)	4286738823 (0xFF827187)
YUV	120.5910, 7.1036, 8.2517
Hunter-Lab	42.7848, 6.4155, -5.2880

Details

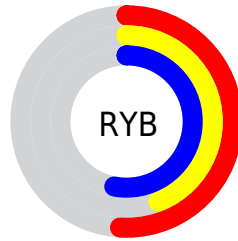
The XYZ color **19.4842, 18.3054, 25.4280** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.1166, 22.3722, 18.9345**, and the grayscale version is **18.0198, 18.9582, 20.6455**.

A 20% lighter version of the original color is **42.0607, 40.6084, 53.1983**, and **6.9233, 6.1858, 9.4234** is the 20% darker color. If you saturate the color by 10%, you get **17.6252, 15.2755, 24.9414**, and if you desaturate by 10%, it is **21.5824, 21.7923, 25.9907**.

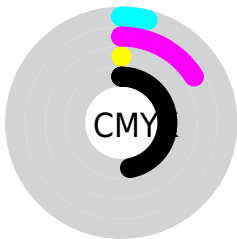
Distribution



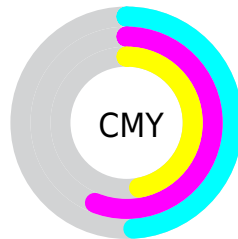
- Red (51%)
- Green (44%)
- Blue (53%)



- Red (51%)
- Yellow (44%)
- Blue (53%)



- Cyan (4%)
- Magenta (16%)
- Yellow (0%)
- Black (47%)



- Cyan (49%)
- Magenta (56%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4842, 18.3054, 25.4280 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 19.4842, 18.3054, 25.4280 by changing the saturation by 10% instead.

■ 19.4842, 18.3054,
25.4280

■ 19.4842, 18.3054,
25.4280

241.9961,
242.5868, 293.4784

■ 12.1267, 11.1695,
16.1743

■ 42.0613, 40.5570,
53.3234

■ 6.9029, 6.1809,
9.4919

■ 58.0116, 56.4415,
72.8022

■ 3.4472, 2.9554,
4.9622

■ 77.5569, 76.0110,
96.5265

■ 1.3944, 1.1085,
2.1668

■ 101.0626, 99.6498,
124.9147

■ 0.2523, 0.0000,
0.6551

128.8940,
127.7425, 158.3855

■ 0.0000, 0.0000,
0.0000

161.4165,

160.6732, 197.3573

198.9954,
198.8266, 242.2488

■ 19.4842, 18.3054,
25.4280

■ 19.4842, 18.3054,
25.4280

■ 17.6252, 15.2755,
24.9414

■ 21.5824, 21.7923,
25.9907

■ 15.9937, 12.6803,
24.5265

■ 23.9276, 25.7523,
26.6315

■ 14.5797, 10.4995,
24.1801

■ 26.5290, 30.2037,
27.3536

■ 13.3714, 8.7100,
23.8983

■ 29.3952, 35.1632,
28.1598

■ 12.3562, 7.2864,
23.6771

■ 32.5341, 40.6466,
29.0528

■ 11.5197, 6.2003,
23.5115

■ 35.9533, 46.6690,
30.0350

■ 10.8456, 5.4193,
23.3963

■ 39.6602, 53.2449,
31.1089

■ 10.3065, 4.8886,
23.3223

■ 43.6619, 60.3883,
32.2768

■ 10.1188, 4.7112,
23.2979

■ 47.9652, 68.1127,
33.5409

Harmonies

Analogous

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



18.2683, 18.3054, 28.1007



19.4842, 18.3054, 25.4280



20.1538, 18.3054, 21.4746

Triad

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



19.4842, 18.3054, 25.4280



17.9295, 18.3054, 13.3276



14.9869, 18.3054, 22.4834

Complementary

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



19.4842, 18.3054, 25.4280



19.1166, 22.3722, 18.9345

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.



14.9070, 18.3054, 18.4641



19.4842, 18.3054, 25.4280



16.5572, 18.3054, 13.5221

Square

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



19.4842, 18.3054, 25.4280



19.2248, 18.3054, 14.7177



15.4677, 18.3054, 15.2902



15.6921, 18.3054, 26.2506

Rectangle

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



19.4842, 18.3054, 25.4280



20.1777, 18.3054, 18.8003



15.4677, 18.3054, 15.2902



14.8874, 18.3054, 21.1072

Sweetspot

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



19.4848, 18.3062, 25.4284



39.1227, 39.8189, 46.6722



17.6782, 18.2492, 25.5126



9.0035, 9.1261, 10.7933



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.



19.4848, 18.3062, 25.4284



33.4591, 30.4311, 45.1587



19.8687, 18.5505, 23.3493



4.7572, 4.7109, 5.8593



9.3425, 4.3504, 21.4840



0.0386, 0.0183, 0.0747

Inverse Universe

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



19.1675, 18.2701, 19.6568



32.7883, 30.3656, 32.4659



18.7965, 22.1678, 20.6998



4.7127, 4.7048, 5.0996



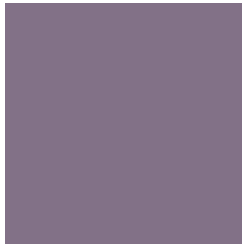
9.4424, 4.8413, 1.6359



0.0351, 0.0177, 0.0182

Previews

White Background



This preview shows how the XYZ color 19.4842, 18.3054, 25.4280 looks on a white 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

Black Background



This preview shows how the XYZ color 19.4842, 18.3054, 25.4280 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 19.4842, 18.3054, 25.4280

Background



This preview shows how black text looks on a background with the XYZ color 19.4842, 18.3054, 25.4280.



This preview shows how white text looks on a background with the XYZ color 19.4842, 18.3054,

25.4280.

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

19.4842, 18.3054, 25.4280

Protanopia

18.1361, 18.4367, 26.6475

Deuteranopia

18.7168, 18.4230, 25.1238



Tritanopia

18.6709, 18.3059, 21.6181

Trichromacy



Original Color

19.4842, 18.3054, 25.4280

Protanomaly

18.5065, 18.2900, 26.2218

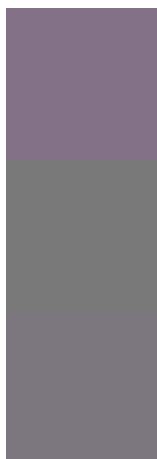
Deuteranomaly

19.0380, 18.4183, 25.1059

Tritanomaly

18.9669, 18.2603, 22.9470

Monochromacy



Original Color

19.4842, 18.3054, 25.4280

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.5565, 18.7483, 22.3794

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4842, 18.3054, 25.4280 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(130, 113, 135)` looks like.

```
.text, #text, p{  
    color:rgb(130, 113, 135)  
}
```

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(130, 113, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 113, 135) }
```

Border

The CSS property to change the border of an element to XYZ 19.4842, 18.3054, 25.4280 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(130, 113, 135) }
```


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

```
.border{ border-color:rgb(130, 113, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 113, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 113, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 113, 135);  
box-shadow:4px 4px 4px 4px rgb(130, 113,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4842, 18.3054, 25.4280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 113, 135) }
```

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

```
.background{ background-color: rgb(130,  
113, 135) }
```

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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