

Converting Colors

XYZ(13.9302, 18.0942, 19.1534)

Have a look what the booklet for
XYZ(13.9302, 18.0942, 19.1534)
contains.

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Color

**XYZ(13.9662, 18.1020,
19.2809)**

Conversions

Conversions Part 1

Format	Color
Hex	4F7F74
RGB	79, 127, 116
RGB Percent	31%, 50%, 45%
CMY	0.6902, 0.5020, 0.5451
CMYK	0.38, 0.00, 0.09, 0.50
HSL	166°, 23%, 40%
HSV	166°, 38%, 50%
XYZ	13.9662, 18.1020, 19.2809
YIQ	111.3940, -25.0770, -13.5970

Conversions

Conversions Part 2

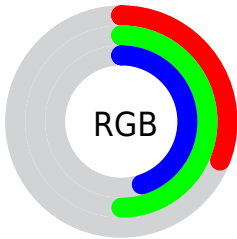
Format	Color
R_{YB}	79, 106, 127
Decimal	5209972
CIE _{Lab}	49.62, -19.00, 0.83
CIE _{LCh}	50, 19.015, 177.507
Yxy	18.1020, 0.2720, 0.3525
Android (android.graphics.Color)	4283400052 (0xFF4F7F74)
YUV	111.3940, 2.2708, -28.4095
Hunter-Lab	42.5464, -15.8623, 2.9139

Details

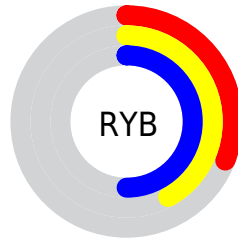
The XYZ color **13.9662, 18.1020, 19.2809** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **13.3945, 10.8426, 11.0604**, and the grayscale version is **15.2232, 16.0160, 17.4414**.

A 20% lighter version of the original color is **32.5951, 40.2155, 43.0902**, and **4.3032, 6.1422, 6.4276** is the 20% darker color. If you saturate the color by 10%, you get **12.8425, 17.5425, 18.3585**, and if you desaturate by 10%, it is **15.2981, 18.7692, 20.2415**.

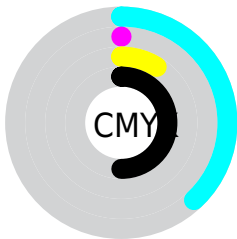
Distribution



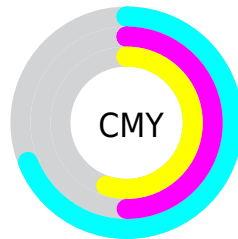
- Red (31%)
- Green (50%)
- Blue (45%)



- Red (31%)
- Yellow (42%)
- Blue (50%)



- Cyan (38%)
- Magenta (0%)
- Yellow (9%)
- Black (50%)



- Cyan (69%)
- Magenta (50%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.9662, 18.1020, 19.2809 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 13.9662, 18.1020, 19.2809 by changing the saturation by 10% instead.

■ 13.9662, 18.1020,
19.2809

■ 13.9662, 18.1020,
19.2809

210.5353,
241.4453, 260.4693

■ 8.1787, 11.0232,
11.6946

■ 32.6158, 40.2111,
43.0512

■ 4.2623, 6.0825,
6.4161

■ 46.2086, 56.0101,
60.0723

■ 1.8516, 2.8953,
3.0268

■ 63.1339, 75.4848,
81.0753

■ 0.5484, 1.0773,
1.1083

■ 83.7571, 99.0194,
106.4789

■ 0.0000, 0.0000,
0.0000

■ 108.4435,
126.9984, 136.7016

137.5584,

159.8061, 172.1618

171.4672,
197.8269, 213.2782

■ 13.9662, 18.1020,
19.2809

■ 13.9662, 18.1020,
19.2809

■ 12.8425, 17.5425,
18.3585

■ 15.2981, 18.7692,
20.2415

■ 11.9139, 17.0824,
17.4723

■ 16.8473, 19.5473,
21.2398

■ 11.1682, 16.7160,
16.6219

■ 18.6242, 20.4423,
22.2770

■ 10.5910, 16.4359,
15.8063

■ 20.6383, 21.4588,
23.3538

■ 10.1659, 16.2336,
15.0245

■ 22.8981, 22.6014,
24.4707

■ 9.8547, 16.0895,
14.2745

■ 25.4122, 23.8745,
25.6284

■ 9.7893, 16.0593,
14.1128

■ 28.1883, 25.2820,
26.8275

■ 31.2342, 26.8278,
28.0686

■ 34.5570, 28.5158,
29.3522

Harmonies

Analogous

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



14.4413, 18.1020, 14.8388



13.9662, 18.1020, 19.2809



14.3074, 18.1020, 24.6656

Triad

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



13.9662, 18.1020, 19.2809



18.8584, 18.1020, 29.9041



19.1377, 18.1020, 12.4597

Complementary

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



13.9662, 18.1020, 19.2809



13.3945, 10.8426, 11.0604

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.



20.4704, 18.1020, 15.4670



13.9662, 18.1020, 19.2809



20.3014, 18.1020, 25.5453

Square

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



13.9662, 18.1020, 19.2809



17.0549, 18.1020, 31.3993



20.9103, 18.1020, 20.1454



17.3568, 18.1020, 11.3551

Rectangle

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



13.9662, 18.1020, 19.2809



14.9662, 18.1020, 27.9837



20.9103, 18.1020, 20.1454



19.6575, 18.1020, 13.2526

Sweetspot

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



13.9667, 18.1027, 19.2813



32.2000, 36.0260, 39.2395



13.2371, 17.9278, 10.1601



7.4550, 8.3924, 9.1385



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



13.9667, 18.1027, 19.2813



23.3185, 31.5730, 33.1546



13.0957, 15.2750, 22.3377



4.4056, 4.8706, 5.3070



9.8718, 16.1953, 14.2297



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.3945, 10.8426, 11.0604



22.1490, 16.6782, 16.3112



13.9741, 12.6967, 9.1116



4.3650, 4.3592, 4.7268



9.0516, 4.6403, 1.5955



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 13.9662, 18.1020, 19.2809 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 13.9662, 18.1020, 19.2809 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 13.9662, 18.1020, 19.2809

Background



This preview shows how black text looks on a background with the XYZ color 13.9662, 18.1020, 19.2809.



This preview shows how white text looks on a background with the XYZ color 13.9662, 18.1020,

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

13.9662, 18.1020, 19.2809

Protanopia

17.0609, 17.9133, 17.3103

Deuteranopia

18.2492, 17.9557, 19.9567



Tritanopia

15.1669, 18.0214, 25.2333

Trichromacy



Original Color

13.9662, 18.1020, 19.2809

Protanomaly

15.7059, 17.9088, 17.9582

Deuteranomaly

16.2972, 17.8167, 19.7195

Tritanomaly

14.6441, 17.9934, 22.7799

Monochromacy



Original Color

13.9662, 18.1020, 19.2809

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.4875, 16.5675, 18.0571

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9662, 18.1020, 19.2809 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(79, 127, 116)` looks like.

```
.text, #text, p{  
    color:rgb(79, 127, 116)  
}
```

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(79, 127, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 127, 116) }
```

Border

The CSS property to change the border of an element to XYZ 13.9662, 18.1020, 19.2809 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(79, 127, 116) }
```


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

```
.border{ border-color:rgb(79, 127, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 127, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 127, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 127, 116);  
box-shadow:4px 4px 4px 4px rgb(79, 127,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9662, 18.1020, 19.2809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 127, 116) }
```

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

```
.background{ background-color: rgb(79, 127,  
116) }
```

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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