

Converting Colors

XYZ(18.4417, 22.0336, 20.1835)

Have a look what the booklet for
XYZ(18.4417, 22.0336, 20.1835)
contains.

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Color

**XYZ(18.4304, 21.9918,
20.1031)**

Conversions

Conversions Part 1

Format	Color
Hex	6F8775
RGB	111, 135, 117
RGB Percent	44%, 53%, 46%
CMY	0.5647, 0.4706, 0.5412
CMYK	0.18, 0.00, 0.13, 0.47
HSL	135°, 10%, 48%
HSV	135°, 18%, 53%
XYZ	18.4304, 21.9918, 20.1031
YIQ	125.7720, -8.5260, -10.6860

Conversions

Conversions Part 2

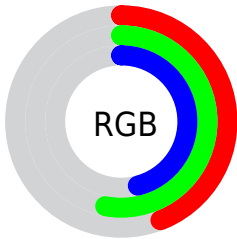
Format	Color
R_{YB}	111, 130, 135
Decimal	7309173
CIE _{Lab}	54.02, -12.40, 6.84
CIE _{LCh}	54, 14.160, 151.131
Yxy	21.9918, 0.3045, 0.3633
Android (android.graphics.Color)	4285499253 (0xFF6F8775)
YUV	125.7720, -4.3246, -12.9550
Hunter-Lab	46.8954, -11.9146, 7.4104

Details

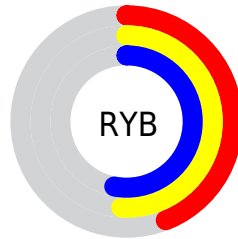
The XYZ color **18.4304, 21.9918, 20.1031** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.6393, 18.1053, 23.2294**, and the grayscale version is **19.7705, 20.8001, 22.6514**.

A 20% lighter version of the original color is **40.2489, 46.6175, 44.4129**, and **6.3726, 7.9834, 6.8353** is the 20% darker color. If you saturate the color by 10%, you get **16.2950, 20.9567, 17.0619**, and if you desaturate by 10%, it is **20.8882, 23.1869, 23.4965**.

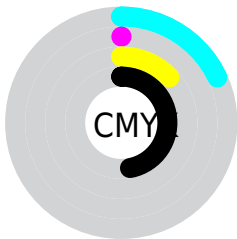
Distribution



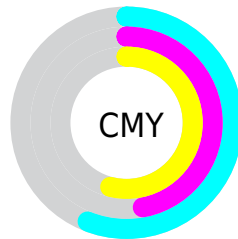
- Red (44%)
- Green (53%)
- Blue (46%)



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



- Cyan (18%)
- Magenta (0%)
- Yellow (13%)
- Black (47%)



- Cyan (56%)
- Magenta (47%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.4304, 21.9918, 20.1031 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 18.4304, 21.9918, 20.1031 by changing the saturation by 10% instead.

■ 18.4304, 21.9918,
20.1031

■ 18.4304, 21.9918,
20.1031

236.2849,
262.5034, 265.0954

■ 11.3610, 13.8509,
12.2852

■ 40.2937, 46.7324,
44.4512

■ 6.3793, 8.0170,
6.8133

■ 55.8183, 64.1010,
61.8185

■ 3.1199, 4.1058,
3.2690

■ 74.8921, 85.3141,
83.2060

■ 1.2175, 1.7329,
1.2336

■ 97.8803, 110.7563,
109.0322

■ 0.1201, 0.4449,
0.0064

125.1483,
140.8120, 139.7157

■ 0.0000, 0.0000,
0.0000

157.0615,

175.8654, 175.6751

193.9852,
216.3011, 217.3288

■ 18.4304, 21.9918,
20.1031

■ 18.4304, 21.9918,
20.1031

■ 16.2950, 20.9567,
17.0619

■ 20.8882, 23.1869,
23.4965

■ 14.4666, 20.0720,
14.3602

■ 23.6793, 24.5456,
27.2515

■ 12.9314, 19.3316,
11.9865

■ 26.8163, 26.0747,
31.3788

■ 11.6737, 18.7274,
9.9284

■ 30.3107, 27.7799,
35.8882

■ 10.6762, 18.2510,
8.1724

■ 34.1732, 29.6666,
40.7894

■ 9.9197, 17.8928,
6.7042

■ 38.4144, 31.7401,
46.0915

■ 9.3823, 17.6416,
5.5082

■ 43.0442, 34.0052,
51.8034

■ 9.0203, 17.4755,
4.5666

■ 48.0723, 36.4668,
57.9336

■ 8.9495, 17.4428,
4.3896

■ 53.5079, 39.1294,
64.4906

Harmonies

Analogous

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



19.4180, 21.9918, 17.4325



18.4304, 21.9918, 20.1031



18.0967, 21.9918, 24.1120

Triad

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



18.4304, 21.9918, 20.1031



20.9607, 21.9918, 33.3966



23.5235, 21.9918, 19.8478

Complementary

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



18.4304, 21.9918, 20.1031



19.6393, 18.1053, 23.2294

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.



23.9843, 21.9918, 23.7794



18.4304, 21.9918, 20.1031



22.4608, 21.9918, 31.9066

Square

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



18.4304, 21.9918, 20.1031



19.5140, 21.9918, 32.1084



23.5864, 21.9918, 28.2484



22.3555, 21.9918, 17.2983

Rectangle

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



18.4304, 21.9918, 20.1031



18.2765, 21.9918, 27.1133



23.5864, 21.9918, 28.2484



23.7688, 21.9918, 21.0343

Sweetspot

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



18.4310, 21.9927, 20.1036



38.6786, 42.1410, 43.8049



20.6482, 23.1752, 18.4242



8.8890, 9.7260, 10.0519



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.



18.4310, 21.9927, 20.1036



31.5272, 38.6657, 33.9172



19.1561, 22.2828, 23.9220



4.6605, 5.2225, 5.2237



8.2570, 16.0857, 4.0729



0.0312, 0.0568, 0.0276

Inverse Universe

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



19.6393, 18.1053, 23.2294



34.0744, 30.4691, 40.5055



18.9112, 17.8140, 19.3954



4.8095, 4.7435, 5.6090



11.3965, 5.6229, 11.9261



0.0424, 0.0206, 0.0567

Previews

White Background



This preview shows how the XYZ color 18.4304, 21.9918, 20.1031 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 18.4304, 21.9918, 20.1031 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 18.4304, 21.9918, 20.1031

Background



This preview shows how black text looks on a background with the XYZ color 18.4304, 21.9918, 20.1031.



This preview shows how white text looks on a background with the XYZ color 18.4304, 21.9918,

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

18.4304, 21.9918, 20.1031

Protanopia

20.7481, 21.8041, 19.0347

Deuteranopia

22.2145, 21.7670, 20.4834



Tritanopia

20.0690, 21.8304, 28.7471

Trichromacy



Original Color

18.4304, 21.9918, 20.1031

Protanomaly

19.8150, 21.9060, 19.4036

Deuteranomaly

20.6621, 21.7329, 20.2454

Tritanomaly

19.4243, 21.7734, 25.3692

Monochromacy



Original Color

18.4304, 21.9918, 20.1031

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.3106, 21.1955, 21.8123

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4304, 21.9918, 20.1031 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(111, 135, 117)` looks like.

```
.text, #text, p{  
    color:rgb(111, 135, 117)  
}
```

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(111, 135, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 135, 117) }
```

Border

The CSS property to change the border of an element to XYZ 18.4304, 21.9918, 20.1031 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(111, 135, 117) }
```


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

```
.border{ border-color:rgb(111, 135, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 135, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(111, 135, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(111, 135, 117); box-shadow:4px 4px 4px 4px rgb(111, 135, 117) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4304, 21.9918, 20.1031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 135, 117) }
```

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

```
.background{ background-color: rgb(111,  
135, 117) }
```

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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