

Converting Colors

XYZ(18.1229, 20.1635, 14.4920)

Have a look what the booklet for
XYZ(18.1229, 20.1635, 14.4920)
contains.

XYZ(18.1229, 20.1635, 14.4920)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(18.1229, 20.1635,
14.4920)**

Conversions

Conversions Part 1

Format	Color
Hex	7D7E62
RGB	125, 126, 98
RGB Percent	49%, 49%, 38%
CMY	0.5098, 0.5059, 0.6157
CMYK	0.01, 0.00, 0.22, 0.51
HSL	62°, 13%, 44%
HSV	62°, 22%, 49%
XYZ	18.1229, 20.1635, 14.4920
YIQ	122.5090, 8.3920, -8.9200

Conversions

Conversions Part 2

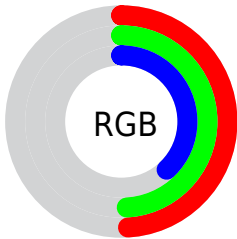
Format	Color
RYB	98, 126, 99
Decimal	8224354
CIELab	52.02, -5.41, 15.16
CIELCh	52, 16.101, 109.643
Yxy	20.1635, 0.3434, 0.3820
Android (android.graphics.Color)	4286414434 (0xFF7D7E62)
YUV	122.5090, -12.0829, 2.1846
Hunter-Lab	44.9038, -6.5401, 12.2977

Details

The XYZ color **18.1229, 20.1635, 14.4920** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **13.2799, 12.8949, 21.5288**, and the grayscale version is **18.7021, 19.6761, 21.4273**.

A 20% lighter version of the original color is **39.9050, 43.8751, 34.7993**, and **6.2319, 7.0833, 4.1707** is the 20% darker color. If you saturate the color by 10%, you get **17.5087, 19.9109, 11.5984**, and if you desaturate by 10%, it is **18.8321, 20.4555, 17.8798**.

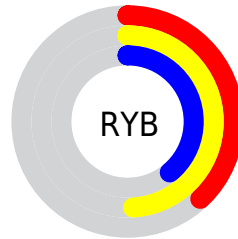
Distribution



Red (49%)

Green (49%)

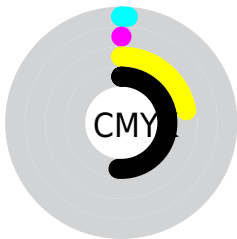
Blue (38%)



Red (38%)

Yellow (49%)

Blue (39%)

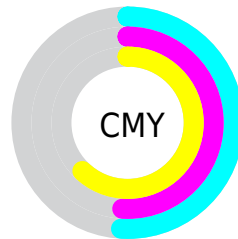


Cyan (1%)

Magenta (0%)

Yellow (22%)

Black (51%)



Cyan (51%)

Magenta (51%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1229, 20.1635, 14.4920 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 18.1229, 20.1635, 14.4920 by changing the saturation by 10% instead.

■ 18.1229, 20.1635,
14.4920

■ 18.1229, 20.1635,
14.4920

234.5951,
252.7989, 231.8044

■ 11.1385, 12.5139,
8.3210

■ 39.7751, 43.6911,
34.6891

■ 6.2280, 7.0947,
4.2103

■ 55.1735, 60.3380,
49.5523

■ 3.0262, 3.5214,
1.7414

■ 74.1074, 80.7528,
68.1500

■ 1.1676, 1.4096,
0.3889

■ 96.9420, 105.3198,
90.9006

■ 0.0806, 0.2238,
0.0000

124.0427,
134.4236, 118.2229

■ 0.0000, 0.0000,
0.0000

155.7749,

168.4484, 150.5352

192.5039,
207.7787, 188.2562

■ 18.1229, 20.1635,
14.4920

■ 18.1229, 20.1635,
14.4920

■ 17.5087, 19.9109,
11.5984

■ 18.8321, 20.4555,
17.8798

■ 16.9836, 19.6933,
9.1747

■ 19.6389, 20.7859,
21.7821

■ 16.5434, 19.5097,
7.1966

■ 20.5476, 21.1571,
26.2196

■ 16.1829, 19.3580,
5.6367

■ 21.5619, 21.5705,
31.2113

■ 15.8965, 19.2360,
4.4651

■ 22.6852, 22.0276,
36.7755

■ 15.6776, 19.1410,
3.6477

■ 23.9208, 22.5296,
42.9296

■ 15.5186, 19.0700,
3.1443

■ 25.2718, 23.0779,
49.6902

■ 15.4154, 19.0230,
2.8593

■ 26.7414, 23.6736,
57.0734

■ 28.3324, 24.3179,
65.0944

Harmonies

Analogous

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



19.7381, 20.1635, 14.2067



18.1229, 20.1635, 14.4920



16.8581, 20.1635, 16.6043

Triad

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



18.1229, 20.1635, 14.4920



17.1921, 20.1635, 29.5913



22.4416, 20.1635, 23.6208

Complementary

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



18.1229, 20.1635, 14.4920



13.2799, 12.8949, 21.5288

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.



21.6729, 20.1635, 28.3461



18.1229, 20.1635, 14.4920



18.6027, 20.1635, 32.1053

Square

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



18.1229, 20.1635, 14.4920



16.3423, 20.1635, 25.1368



20.2459, 20.1635, 31.6196



22.2949, 20.1635, 19.0531

Rectangle

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



18.1229, 20.1635, 14.4920



16.3544, 20.1635, 18.9568



20.2459, 20.1635, 31.6196



22.2800, 20.1635, 25.2529

Sweetspot

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



18.1234, 20.1644, 14.4924



33.8434, 36.2896, 34.8305



15.2649, 14.2290, 13.4974



7.6845, 8.2490, 7.8567



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



18.1234, 20.1644, 14.4924



31.2943, 35.2425, 22.6487



16.2301, 19.1884, 14.4038



4.6506, 5.0118, 4.6424



15.8131, 19.5143, 2.9332



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.2799, 12.8949, 21.5288



21.0869, 19.9219, 37.4783



14.9356, 13.7484, 21.6063



4.1220, 4.2185, 5.4103



3.9206, 1.5748, 20.3473



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 18.1229, 20.1635, 14.4920 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 18.1229, 20.1635, 14.4920 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

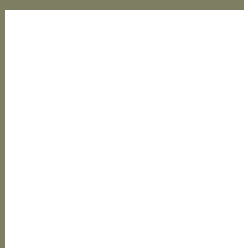
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.1229, 20.1635, 14.4920

Background



This preview shows how black text looks on a background with the XYZ color 18.1229, 20.1635, 14.4920.



This preview shows how white text looks on a background with the XYZ color 18.1229, 20.1635,

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

18.1229, 20.1635, 14.4920

Protanopia

18.8810, 20.1839, 14.2100

Deuteranopia

20.3506, 20.0238, 14.5968



Tritanopia

20.1095, 20.2249, 24.3166

Trichromacy



Original Color

18.1229, 20.1635, 14.4920

Protanomaly

18.5445, 20.1974, 14.2304

Deuteranomaly

19.5282, 20.1383, 14.6622

Tritanomaly

19.3148, 20.0870, 20.3119

Monochromacy



Original Color

18.1229, 20.1635, 14.4920

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.5571, 19.9153, 18.7856

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1229, 20.1635, 14.4920 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, 126, 98)` looks like.

```
.text, #text, p{  
    color:rgb(125, 126, 98)  
}
```

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, 126, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 126, 98) }
```

Border

The CSS property to change the border of an element to XYZ 18.1229, 20.1635, 14.4920 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, 126, 98) }
```


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

```
.border{ border-color:rgb(125, 126, 98) }
```

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

Here you see how a box with a 4 pixel rgb(125, 126, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 126, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 126, 98);  
box-shadow:4px 4px 4px 4px rgb(125, 126,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1229, 20.1635, 14.4920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 126, 98) }
```

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

```
.background{ background-color: rgb(125,  
126, 98) }
```

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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