

Converting Colors

XYZ(19.1694, 19.5161, 20.1313)

Have a look what the booklet for
XYZ(19.1694, 19.5161, 20.1313)
contains.

XYZ(19.0995, 19.4320, 20.1969)	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(19.0995, 19.4320,
20.1969)**

Conversions

Conversions Part 1

Format	Color
Hex	817877
RGB	129, 120, 119
RGB Percent	51%, 47%, 47%
CMY	0.4941, 0.5294, 0.5333
CMYK	0.00, 0.07, 0.08, 0.49
HSL	6°, 4%, 49%
HSV	6°, 8%, 51%
XYZ	19.0995, 19.4320, 20.1969
YIQ	122.5770, 5.6850, 1.5970

Conversions

Conversions Part 2

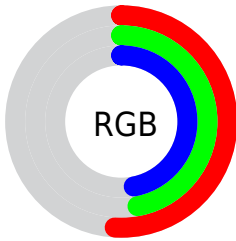
Format	Color
RYB	129, 120, 119
Decimal	8484983
CIELab	51.19, 3.26, 1.78
CIELCh	51, 3.711, 28.686
Yxy	19.4320, 0.3252, 0.3309
Android (android.graphics.Color)	4286675063 (0xFF817877)
YUV	122.5770, -1.7635, 5.6330
Hunter-Lab	44.0817, 0.1965, 3.6924

Details

The XYZ color **19.0995, 19.4320, 20.1969** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.2893, 20.9449, 23.7952**, and the grayscale version is **18.6923, 19.6658, 21.4160**.

A 20% lighter version of the original color is **41.3946, 42.3904, 44.5285**, and **6.7630, 6.7951, 6.9164** is the 20% darker color. If you saturate the color by 10%, you get **17.0646, 16.5188, 15.9523**, and if you desaturate by 10%, it is **21.4099, 22.7274, 25.0527**.

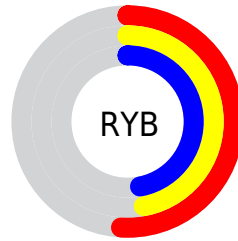
Distribution



Red (51%)

Green (47%)

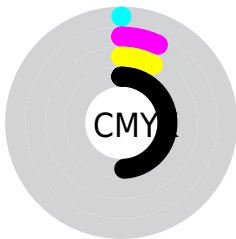
Blue (47%)



Red (51%)

Yellow (47%)

Blue (47%)

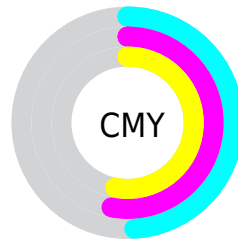


Cyan (0%)

Magenta (7%)

Yellow (8%)

Black (49%)



Cyan (49%)

Magenta (53%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0995, 19.4320, 20.1969 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 19.0995, 19.4320, 20.1969 by changing the saturation by 10% instead.

■ 19.0995, 19.4320,
20.1969

■ 19.0995, 19.4320,
20.1969

239.9251,
248.8234, 265.6185

■ 11.8466, 11.9828,
12.3528

■ 41.4177, 42.4628,
44.6104

■ 6.7108, 6.7320,
6.8589

■ 57.2138, 58.8133,
62.0168

■ 3.3266, 3.2951,
3.2969

■ 76.5883, 78.8996,
83.4476

■ 1.3287, 1.2877,
1.2482

99.9067, 103.1062,
109.3216

■ 0.2046, 0.1316,
0.0187

127.5341,
131.8175, 140.0571

■ 0.0000, 0.0000,
0.0000

159.8361,

165.4179, 176.0727

197.1780,
204.2917, 217.7870

■ 19.0995, 19.4320,
20.1969

■ 19.0995, 19.4320,
20.1969

■ 17.0646, 16.5188,
15.9523

■ 21.4099, 22.7274,
25.0527

■ 15.2933, 13.9716,
12.2934

■ 24.0039, 26.4156,
30.5413

■ 13.7753, 11.7766,
9.1949

■ 26.8913, 30.5097,
36.6847

■ 12.4991, 9.9183,
6.6291

■ 30.0808, 35.0217,
43.5035

■ 11.4519, 8.3801,
4.5659

■ 33.5808, 39.9629,
51.0175

■ 10.6203, 7.1437,
2.9723

■ 37.3995, 45.3443,
59.2455

■ 9.9889, 6.1894,
1.8113

■ 41.5447, 51.1764,
68.2058

■ 9.5407, 5.4946,
1.0402

■ 46.0239, 57.4694,
77.9158

■ 9.2478, 5.0307,
0.5669

■ 50.8444, 64.2332,
88.3926

Harmonies

Analogous

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



19.1886, 19.4320, 21.2048



19.0995, 19.4320, 20.1969



18.8410, 19.4320, 19.4678

Triad

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



19.0995, 19.4320, 20.1969



17.8695, 19.4320, 20.1187



18.4533, 19.4320, 23.2571

Complementary

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



19.0995, 19.4320, 20.1969



19.2893, 20.9449, 23.7952

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.



18.1029, 19.4320, 22.9436



19.0995, 19.4320, 20.1969



17.7687, 19.4320, 21.1116

Square

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



19.0995, 19.4320, 20.1969



18.1308, 19.4320, 19.4238



17.8536, 19.4320, 22.1494



18.8125, 19.4320, 22.9928

Rectangle

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



19.0995, 19.4320, 20.1969



18.6092, 19.4320, 19.2260



17.8536, 19.4320, 22.1494



18.3306, 19.4320, 23.2156

Sweetspot

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



19.1000, 19.4329, 20.1973



36.5021, 38.0803, 40.9922



19.5466, 19.4196, 23.1404



8.2759, 8.6390, 9.3074



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.



19.1000, 19.4329, 20.1973



33.6415, 33.9962, 34.9921



19.7169, 20.6665, 20.4029



4.3598, 4.4083, 4.5412



8.9682, 4.8328, 0.4601



0.0000, 0.0000, 0.0000

Inverse Universe

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



19.2893, 20.9449, 23.7952



34.0404, 37.1830, 42.5754



18.6534, 19.6731, 23.5832



4.4108, 4.8156, 5.5103



9.9622, 13.7429, 22.3775



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 19.0995, 19.4320, 20.1969 looks on a white background.

Color Contrast Check

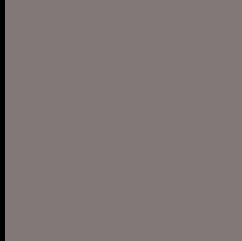
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.0995, 19.4320, 20.1969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

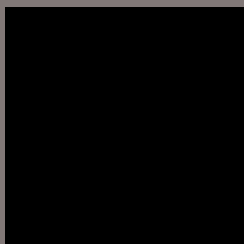
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.0995, 19.4320, 20.1969

Background



This preview shows how black text looks on a background with the XYZ color 19.0995, 19.4320, 20.1969.



This preview shows how white text looks on a background with the XYZ color 19.0995, 19.4320,

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

19.0995, 19.4320, 20.1969

Protanopia

18.6850, 19.3908, 20.5273

Deuteranopia

19.7999, 19.4397, 20.1614



Tritanopia

19.6990, 19.4980, 23.1473

Trichromacy



Original Color

19.0995, 19.4320, 20.1969

Protanomaly

18.8317, 19.4664, 20.5342

Deuteranomaly

19.5995, 19.5121, 20.1860

Tritanomaly

19.5044, 19.4201, 22.1225

Monochromacy



Original Color

19.0995, 19.4320, 20.1969

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.9298, 19.6842, 21.2141

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0995, 19.4320, 20.1969 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(129, 120, 119)` looks like.

```
.text, #text, p{  
    color:rgb(129, 120, 119)  
}
```

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(129, 120, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 120, 119) }
```

Border

The CSS property to change the border of an element to XYZ 19.0995, 19.4320, 20.1969 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(129, 120, 119) }
```


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

```
.border{ border-color:rgb(129, 120, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 120, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(129, 120, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(129, 120, 119); box-shadow:4px 4px 4px 4px rgb(129, 120, 119) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0995, 19.4320, 20.1969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 120, 119) }
```

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

```
.background{ background-color: rgb(129,  
120, 119) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor