

Converting Colors

XYZ(19.1619, 20.8242, 21.9052)

Have a look what the booklet for
XYZ(19.1619, 20.8242, 21.9052)
contains.

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Color

**XYZ(19.1795, 20.9334,
21.7686)**

Conversions

Conversions Part 1

Format	Color
Hex	79807B
RGB	121, 128, 123
RGB Percent	47%, 50%, 48%
CMY	0.5255, 0.4980, 0.5176
CMYK	0.05, 0.00, 0.04, 0.50
HSL	137°, 3%, 49%
HSV	137°, 5%, 50%
XYZ	19.1795, 20.9334, 21.7686
YIQ	125.3370, -2.5670, -3.0390

Conversions

Conversions Part 2

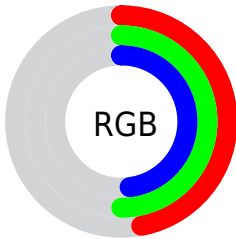
Format	Color
R_{YB}	121, 126, 128
Decimal	7962747
CIE _{Lab}	52.88, -3.61, 1.81
CIE _{LCh}	53, 4.037, 153.421
Yxy	20.9334, 0.3099, 0.3383
Android (android.graphics.Color)	4286152827 (0xFF79807B)
YUV	125.3370, -1.1521, -3.8035
Hunter-Lab	45.7530, -5.2413, 3.8178

Details

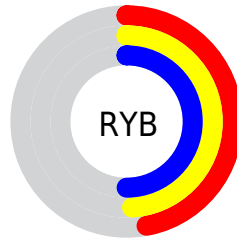
The XYZ color **19.1795, 20.9334, 21.7686** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.5061, 19.7708, 22.5278**, and the grayscale version is **19.6115, 20.6328, 22.4691**.

A 20% lighter version of the original color is **41.4953, 45.0271, 47.0615**, and **6.7797, 7.5028, 7.5694** is the 20% darker color. If you saturate the color by 10%, you get **16.9575, 19.8516, 18.8150**, and if you desaturate by 10%, it is **21.6942, 22.1611, 25.0160**.

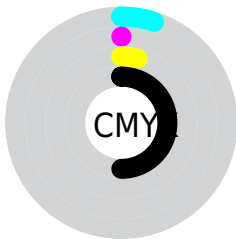
Distribution



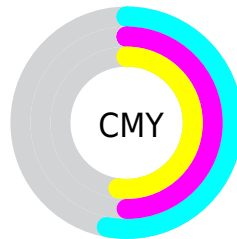
- Red (47%)
- Green (50%)
- Blue (48%)



- Red (47%)
- Yellow (49%)
- Blue (50%)



- Cyan (5%)
- Magenta (0%)
- Yellow (4%)
- Black (50%)



- Cyan (53%)
- Magenta (50%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1795, 20.9334, 21.7686 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 19.1795, 20.9334, 21.7686 by changing the saturation by 10% instead.

■ 19.1795, 20.9334,
21.7686

■ 19.1795, 20.9334,
21.7686

240.3570,
256.9243, 274.2494

■ 11.9048, 13.0753,
13.4903

■ 41.5517, 44.9767,
47.2605

■ 6.7506, 7.4804,
7.6323

■ 57.3800, 61.9307,
65.3112

■ 3.3516, 3.7643,
3.7762

■ 76.7902, 82.6854,
87.4564

■ 1.3423, 1.5426,
1.5034

100.1476,
107.6253, 114.1147

■ 0.2145, 0.3184,
0.2205

127.8176,
137.1347, 145.7046

■ 0.0000, 0.0000,
0.0000

160.1657,

171.5981, 182.6447

197.5570,
211.3999, 225.3534

■ 19.1795, 20.9334,
21.7686

■ 19.1795, 20.9334,
21.7686

■ 16.9575, 19.8516,
18.8150

■ 21.6942, 22.1611,
25.0160

■ 15.0157, 18.9076,
16.1456

■ 24.5101, 23.5372,
28.5635

■ 13.3432, 18.0967,
13.7524

■ 27.6374, 25.0673,
32.4191

■ 11.9279, 17.4126,
11.6265

■ 31.0855, 26.7560,
36.5900

■ 10.7564, 16.8488,
9.7586

■ 34.8630, 28.6079,
41.0832

■ 9.8145, 16.3981,
8.1387

■ 38.9787, 30.6271,
45.9055

■ 9.0860, 16.0524,
6.7563

■ 43.4406, 32.8178,
51.0635

■ 8.5529, 15.8026,
5.6000

■ 48.2567, 35.1838,
56.5634

■ 8.1873, 15.6347,
4.6573

■ 53.4347, 37.7291,
62.4116

Harmonies

Analogous

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



19.4529, 20.9334, 20.9073



19.1795, 20.9334, 21.7686



19.0973, 20.9334, 22.9319

Triad

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



19.1795, 20.9334, 21.7686



19.9450, 20.9334, 25.1929



20.5817, 20.9334, 21.5365

Complementary

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



19.1795, 20.9334, 21.7686



19.5061, 19.7708, 22.5278

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.



20.7178, 20.9334, 22.6545



19.1795, 20.9334, 21.7686



20.3470, 20.9334, 24.7886

Square

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



19.1795, 20.9334, 21.7686



19.5356, 20.9334, 24.9356



20.6313, 20.9334, 23.8489



20.2619, 20.9334, 20.7767

Rectangle

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



19.1795, 20.9334, 21.7686



19.1611, 20.9334, 23.7294



20.6313, 20.9334, 23.8489



20.6507, 20.9334, 21.8814

Sweetspot

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



19.1801, 20.9343, 21.7691



35.2248, 37.5667, 40.2246



19.7779, 21.2568, 21.1500



8.2617, 8.8025, 9.4367



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.



19.1801, 20.9343, 21.7691



33.0706, 36.5163, 37.4107



19.4022, 21.0231, 22.9388



4.4207, 4.8852, 4.9997



7.9790, 15.4382, 4.2622



0.0000, 0.0000, 0.0000

Inverse Universe

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



19.5061, 19.7708, 22.5278



33.8139, 33.8641, 39.1401



19.2851, 19.6824, 21.3637



4.5217, 4.5247, 5.2348



10.7188, 5.3072, 10.3751



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 19.1795, 20.9334, 21.7686 looks on a white background.

Color Contrast Check

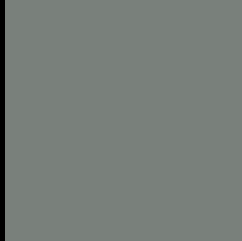
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.1795, 20.9334, 21.7686 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

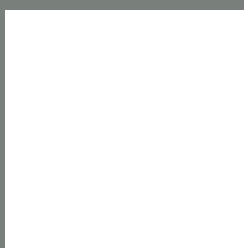
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.1795, 20.9334, 21.7686

Background



This preview shows how black text looks on a background with the XYZ color 19.1795, 20.9334, 21.7686.



This preview shows how white text looks on a background with the XYZ color 19.1795, 20.9334,

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

19.1795, 20.9334, 21.7686

Protanopia

20.0270, 20.9940, 21.4091

Deuteranopia

21.2451, 20.8633, 21.9761



Tritanopia

20.0732, 20.9102, 26.2707

Trichromacy



Original Color

19.1795, 20.9334, 21.7686

Protanomaly

19.7064, 21.0195, 21.4309

Deuteranomaly

20.3615, 20.7761, 22.0058

Tritanomaly

19.7121, 20.9550, 24.4785

Monochromacy



Original Color

19.1795, 20.9334, 21.7686

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.4111, 20.6620, 22.0339

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1795, 20.9334, 21.7686 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(121, 128, 123)` looks like.

```
.text, #text, p{  
    color:rgb(121, 128, 123)  
}
```

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(121, 128, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 128, 123) }
```

Border

The CSS property to change the border of an element to XYZ 19.1795, 20.9334, 21.7686 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(121, 128, 123) }
```


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

```
.border{ border-color:rgb(121, 128, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 128, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 128, 123); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 128, 123); box-shadow:4px 4px 4px 4px rgb(121, 128, 123) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1795, 20.9334, 21.7686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 128, 123) }
```

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

```
.background{ background-color: rgb(121,  
128, 123) }
```

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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