

Converting Colors

XYZ(19.4849, 20.1468, 21.8604)

Have a look what the booklet for
XYZ(19.4849, 20.1468, 21.8604)
contains.

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Color

**XYZ(19.4734, 20.1332,
21.9285)**

Conversions

Conversions Part 1

Format	Color
Hex	7F7B7C
RGB	127, 123, 124
RGB Percent	50%, 48%, 49%
CMY	0.5020, 0.5176, 0.5137
CMYK	0.00, 0.03, 0.02, 0.50
HSL	345°, 2%, 49%
HSV	345°, 3%, 50%
XYZ	19.4734, 20.1332, 21.9285
YIQ	124.3100, 2.0630, 1.1590

Conversions

Conversions Part 2

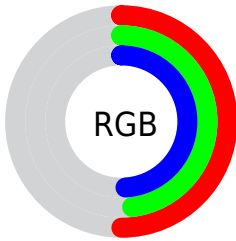
Format	Color
RYB	127, 123, 124
Decimal	8354684
CIELab	51.99, 1.71, -0.01
CIElCh	52, 1.712, 359.590
Yxy	20.1332, 0.3165, 0.3272
Android (android.graphics.Color)	4286544764 (0xFF7F7B7C)
YUV	124.3100, -0.1528, 2.3591
Hunter-Lab	44.8700, -1.0543, 2.4333

Details

The XYZ color **19.4734, 20.1332, 21.9285** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.5244, 20.8965, 22.7440**, and the grayscale version is **19.2621, 20.2652, 22.0688**.

A 20% lighter version of the original color is **41.9888, 43.4978, 47.2572**, and **6.8607, 7.0253, 7.6510** is the 20% darker color. If you saturate the color by 10%, you get **17.4253, 16.9551, 18.4145**, and if you desaturate by 10%, it is **21.7854, 23.7451, 25.8184**.

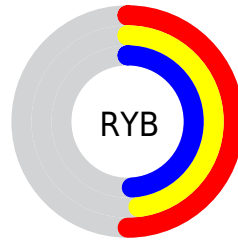
Distribution



Red (50%)

Green (48%)

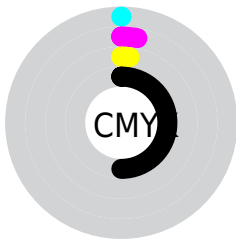
Blue (49%)



Red (50%)

Yellow (48%)

Blue (49%)

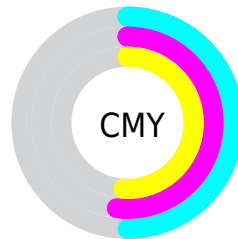


Cyan (0%)

Magenta (3%)

Yellow (2%)

Black (50%)



Cyan (50%)

Magenta (52%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4734, 20.1332, 21.9285 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 19.4734, 20.1332, 21.9285 by changing the saturation by 10% instead.

■ 19.4734, 20.1332,
21.9285

■ 19.4734, 20.1332,
21.9285

241.9381,
252.6353, 275.1140

■ 12.1189, 12.4919,
13.6066

■ 42.0432, 43.6404,
47.5285

■ 6.8975, 7.0796,
7.7119

■ 57.9892, 60.2751,
65.6436

■ 3.4438, 3.5119,
3.8261

■ 77.5298, 80.6763,
87.8602

■ 1.3926, 1.4045,
1.5304

101.0303,
105.2286, 114.5967

■ 0.2509, 0.2200,
0.2404

128.8560,
134.3162, 146.2719

■ 0.0000, 0.0000,
0.0000

161.3723,

168.3236, 183.3041

198.9445,
207.6352, 226.1119

■ 19.4734, 20.1332,
21.9285

■ 19.4734, 20.1332,
21.9285

■ 17.4253, 16.9551,
18.4145

■ 21.7854, 23.7451,
25.8184

■ 15.6298, 14.1920,
15.2638

■ 24.3684, 27.8037,
30.0936

■ 14.0775, 11.8275,
12.4651

■ 27.2316, 32.3245,
34.7650

■ 12.7578, 9.8430,
10.0058

■ 30.3832, 37.3213,
39.8425

■ 11.6590, 8.2186,
7.8728

■ 33.8309, 42.8077,
45.3356

■ 10.7687, 6.9324,
6.0519

■ 37.5823, 48.7965,
51.2536

■ 10.0731, 5.9603,
4.5279

■ 41.6446, 55.2999,
57.6055

■ 9.5565, 5.2747,
3.2843

■ 46.0248, 62.3301,
64.4000

■ 9.2004, 4.8424,
2.3025

■ 50.7298, 69.8985,
71.6454

Harmonies

Analogous

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



19.4268, 20.1332, 22.4115



19.4734, 20.1332, 21.9285



19.4292, 20.1332, 21.4507

Triad

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



19.4734, 20.1332, 21.9285



18.9708, 20.1332, 21.0968



18.9667, 20.1332, 22.7606

Complementary

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



19.4734, 20.1332, 21.9285



19.5244, 20.8965, 22.7440

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.



18.8458, 20.1332, 22.3994



19.4734, 20.1332, 21.9285



18.8482, 20.1332, 21.4389

Square

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



19.4734, 20.1332, 21.9285



19.1384, 20.1332, 20.9749



18.8025, 20.1332, 21.9148



19.1336, 20.1332, 22.8964

Rectangle

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



19.4734, 20.1332, 21.9285



19.3543, 20.1332, 21.1982



18.8025, 20.1332, 21.9148



18.9194, 20.1332, 22.6613

Sweetspot

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



19.4740, 20.1341, 21.9289



35.7122, 37.3627, 40.6916



19.5185, 20.1348, 22.9365



8.3679, 8.7581, 9.5384



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.



19.4740, 20.1341, 21.9289



34.5055, 35.4828, 38.6443



19.5358, 20.3582, 21.6399



4.5956, 4.7134, 5.1332



9.0853, 4.6538, 1.7730



0.0000, 0.0000, 0.0000

Inverse Universe

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



19.4740, 20.1341, 21.9289



34.5055, 35.4828, 38.6443



19.4606, 20.6655, 23.0419



4.5956, 4.7134, 5.1332



9.0853, 4.6538, 1.7730



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 19.4734, 20.1332, 21.9285 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 19.4734, 20.1332, 21.9285 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 19.4734, 20.1332, 21.9285

Background



This preview shows how black text looks on a background with the XYZ color 19.4734, 20.1332, 21.9285.



This preview shows how white text looks on a background with the XYZ color 19.4734, 20.1332,

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

19.4734, 20.1332, 21.9285

Protanopia

19.3252, 20.0568, 21.9216

Deuteranopia

20.5715, 20.1479, 22.2067



Tritanopia

19.9584, 20.1470, 24.3096

Trichromacy



Original Color

19.4734, 20.1332, 21.9285

Protanomaly

19.3252, 20.0568, 21.9216

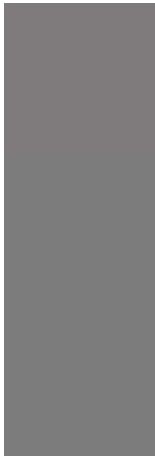
Deuteranomaly

20.2119, 20.1420, 22.2245

Tritanomaly

19.7579, 20.0668, 23.2540

Monochromacy



Original Color

19.4734, 20.1332, 21.9285

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.3032, 20.2305, 21.9563

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4734, 20.1332, 21.9285 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(127, 123, 124)` looks like.

```
.text, #text, p{  
    color:rgb(127, 123, 124)  
}
```

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(127, 123, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 123, 124) }
```

Border

The CSS property to change the border of an element to XYZ 19.4734, 20.1332, 21.9285 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(127, 123, 124) }
```


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

```
.border{ border-color:rgb(127, 123, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 123, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 123, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 123, 124);  
box-shadow:4px 4px 4px 4px rgb(127, 123,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4734, 20.1332, 21.9285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 123, 124) }
```

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

```
.background{ background-color: rgb(127,  
123, 124) }
```

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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