

Converting Colors

XYZ(18.9738, 20.2477, 21.5490)

Have a look what the booklet for
XYZ(18.9738, 20.2477, 21.5490)
contains.

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Color

**XYZ(18.9348, 20.2349,
21.6466)**

Conversions

Conversions Part 1

Format	Color
Hex	7A7D7B
RGB	122, 125, 123
RGB Percent	48%, 49%, 48%
CMY	0.5216, 0.5098, 0.5176
CMYK	0.02, 0.00, 0.02, 0.51
HSL	140°, 1%, 48%
HSV	140°, 2%, 49%
XYZ	18.9348, 20.2349, 21.6466
YIQ	123.8750, -1.1460, -1.2580

Conversions

Conversions Part 2

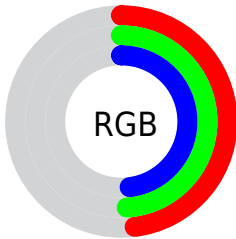
Format	Color
R_{YB}	122, 124, 125
Decimal	8027515
CIE Lab	52.10, -1.52, 0.69
CIE LCh	52, 1.672, 155.652
Yxy	20.2349, 0.3113, 0.3327
Android (android.graphics.Color)	4286217595 (0xFF7A7D7B)
YUV	123.8750, -0.4314, -1.6444
Hunter-Lab	44.9832, -3.5846, 2.9570

Details

The XYZ color **18.9348, 20.2349, 21.6466** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.0558, 19.7348, 21.8747**, and the grayscale version is **19.1187, 20.1144, 21.9046**.

A 20% lighter version of the original color is **41.1138, 43.9346, 46.8707**, and **6.5681, 7.0798, 7.4989** is the 20% darker color. If you saturate the color by 10%, you get **16.7776, 19.1812, 18.9365**, and if you desaturate by 10%, it is **21.3653, 21.4255, 24.6024**.

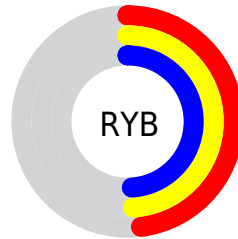
Distribution



Red (48%)

Green (49%)

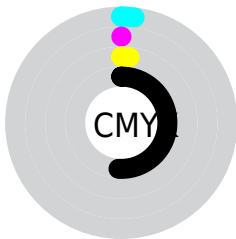
Blue (48%)



Red (48%)

Yellow (49%)

Blue (49%)

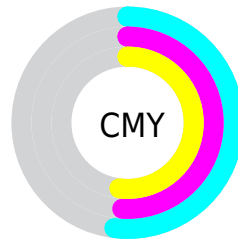


Cyan (2%)

Magenta (0%)

Yellow (2%)

Black (51%)



Cyan (52%)

Magenta (51%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.9348, 20.2349, 21.6466 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 18.9348, 20.2349, 21.6466 by changing the saturation by 10% instead.

■ 18.9348, 20.2349,
21.6466

■ 18.9348, 20.2349,
21.6466

239.0336,
253.1839, 273.5882

■ 11.7269, 12.5659,
13.4016

■ 41.1416, 43.8107,
47.0559

■ 6.6289, 7.1303,
7.5717

■ 56.8713, 60.4862,
65.0573

■ 3.2754, 3.5437,
3.7383

■ 76.1722, 80.9328,
87.1479

■ 1.3010, 1.4218,
1.4829

99.4098, 105.5347,
113.7463

■ 0.1840, 0.2327,
0.2052

126.9493,
134.6763, 145.2709

■ 0.0000, 0.0000,
0.0000

159.1563,

168.7422, 182.1405

196.3959,
208.1166, 224.7734

■ 18.9348, 20.2349,
21.6466

■ 18.9348, 20.2349,
21.6466

■ 16.7776, 19.1812,
18.9365

■ 21.3653, 21.4255,
24.6024

■ 14.8824, 18.2569,
16.4646

■ 24.0765, 22.7551,
27.8085

■ 13.2392, 17.4577,
14.2248

■ 27.0780, 24.2289,
31.2711

■ 11.8372, 16.7781,
12.2103

■ 30.3780, 25.8511,
34.9959

■ 10.6645, 16.2120,
10.4142

■ 33.9846, 27.6257,
38.9882

■ 9.7082, 15.7531,
8.8288

■ 37.9056, 29.5567,
43.2533

■ 8.9541, 15.3942,
7.4464

■ 42.1484, 31.6478,
47.7963

■ 8.3862, 15.1271,
6.2586

■ 46.7202, 33.9026,
52.6222

■ 7.9858, 14.9425,
5.2563

■ 51.6281, 36.3246,
57.7357

Harmonies

Analogous

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



19.0417, 20.2349, 21.2764



18.9348, 20.2349, 21.6466



18.9075, 20.2349, 22.1252

Triad

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



18.9348, 20.2349, 21.6466



19.2651, 20.2349, 22.9823



19.5010, 20.2349, 21.4883

Complementary

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



18.9348, 20.2349, 21.6466



19.0558, 19.7348, 21.8747

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.



19.5616, 20.2349, 21.9398



18.9348, 20.2349, 21.6466



19.4249, 20.2349, 22.8061

Square

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



18.9348, 20.2349, 21.6466



19.0975, 20.2349, 22.9010



19.5336, 20.2349, 22.4227



19.3685, 20.2349, 21.1859

Rectangle

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



18.9348, 20.2349, 21.6466



18.9379, 20.2349, 22.4423



19.5336, 20.2349, 22.4227



19.5304, 20.2349, 21.6274

Sweetspot

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



18.9354, 20.2358, 21.6470



34.4769, 36.5143, 39.4653



19.1667, 20.3622, 21.3327



7.8494, 8.3092, 8.9857



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.



18.9354, 20.2358, 21.6470



33.6326, 36.1012, 38.4234



19.0270, 20.2724, 22.1294



4.6270, 4.9855, 5.2830



8.0804, 15.4788, 4.7964



0.0000, 0.0000, 0.0000

Inverse Universe

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



19.0558, 19.7348, 21.8747



33.9074, 34.9586, 38.9426



18.9647, 19.6983, 21.3945



4.6720, 4.7983, 5.3680



10.4681, 5.2069, 9.0546



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 18.9348, 20.2349, 21.6466 looks on a white background.

Color Contrast Check

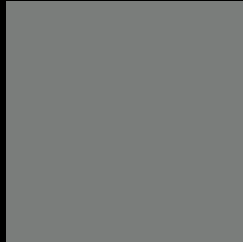
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.9348, 20.2349, 21.6466 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

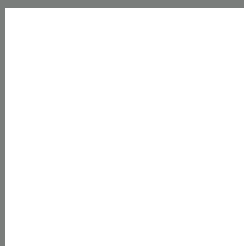
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.9348, 20.2349, 21.6466

Background



This preview shows how black text looks on a background with the XYZ color 18.9348, 20.2349, 21.6466.



This preview shows how white text looks on a background with the XYZ color 18.9348, 20.2349,

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

18.9348, 20.2349, 21.6466

Protanopia

19.4729, 20.3325, 21.3106

Deuteranopia

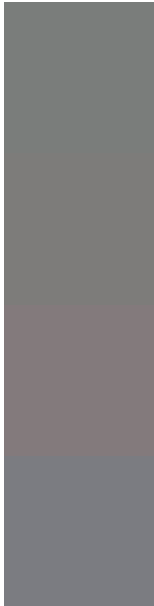
20.5079, 20.1224, 21.8719



Tritanopia

19.6288, 20.1445, 25.0440

Trichromacy



Original Color

18.9348, 20.2349, 21.6466

Protanomaly

19.1780, 20.1804, 21.2968

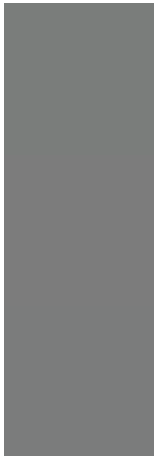
Deuteranomaly

19.9577, 20.1996, 21.9158

Tritanomaly

19.3385, 20.2112, 23.6508

Monochromacy



Original Color

18.9348, 20.2349, 21.6466

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.0141, 20.0815, 21.9427

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.9348, 20.2349, 21.6466 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(122, 125, 123)` looks like.

```
.text, #text, p{  
    color:rgb(122, 125, 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(122, 125, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 125, 123) }
```

Border

The CSS property to change the border of an element to XYZ 18.9348, 20.2349, 21.6466 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(122, 125, 123) }
```


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

```
.border{ border-color:rgb(122, 125, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 125, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 125, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 125, 123);  
box-shadow:4px 4px 4px 4px rgb(122, 125,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 18.9348, 20.2349, 21.6466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 125, 123) }
```

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

```
.background{ background-color: rgb(122,  
125, 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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