

Converting Colors

XYZ(19.1705, 20.1443, 21.5311)

Have a look what the booklet for
XYZ(19.1705, 20.1443, 21.5311)
contains.

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Color

**XYZ(19.2402, 20.2053,
21.6248)**

Conversions

Conversions Part 1

Format	Color
Hex	7D7C7B
RGB	125, 124, 123
RGB Percent	49%, 49%, 48%
CMY	0.5098, 0.5137, 0.5176
CMYK	0.00, 0.01, 0.02, 0.51
HSL	30°, 1%, 49%
HSV	30°, 2%, 49%
XYZ	19.2402, 20.2053, 21.6248
YIQ	124.1850, 0.9170, -0.0990

Conversions

Conversions Part 2

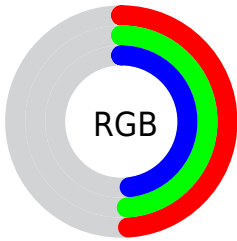
Format	Color
RYB	125, 125, 123
Decimal	8223867
CIELab	52.07, 0.18, 0.67
CIELCh	52, 0.695, 74.867
Yxy	20.2053, 0.3151, 0.3309
Android (android.graphics.Color)	4286413947 (0xFF7D7C7B)
YUV	124.1850, -0.5842, 0.7148
Hunter-Lab	44.9503, -2.2592, 2.9418

Details

The XYZ color **19.2402, 20.2053, 21.6248** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.0776, 20.1066, 22.2777**, and the grayscale version is **19.2220, 20.2230, 22.0229**.

A 20% lighter version of the original color is **41.6233, 43.6108, 46.7814**, and **6.7326, 7.0631, 7.4870** is the 20% darker color. If you saturate the color by 10%, you get **17.7505, 18.3990, 17.5110**, and if you desaturate by 10%, it is **20.8804, 22.1522, 26.2823**.

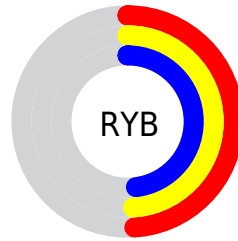
Distribution



Red (49%)

Green (49%)

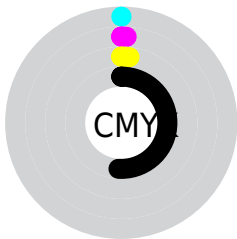
Blue (48%)



Red (49%)

Yellow (49%)

Blue (48%)

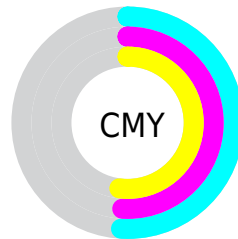


Cyan (0%)

Magenta (1%)

Yellow (2%)

Black (51%)



Cyan (51%)

Magenta (51%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2402, 20.2053, 21.6248 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 19.2402, 20.2053, 21.6248 by changing the saturation by 10% instead.

■ 19.2402, 20.2053,
21.6248

■ 19.2402, 20.2053,
21.6248

240.6843,
253.0244, 273.4699

■ 11.9490, 12.5444,
13.3858

■ 41.6533, 43.7611,
47.0193

■ 6.7809, 7.1156,
7.5609

■ 57.5060, 60.4248,
65.0119

■ 3.3706, 3.5345,
3.7316

■ 76.9431, 80.8582,
87.0927

■ 1.3526, 1.4167,
1.4793

100.3302,
105.4456, 113.6804

■ 0.2221, 0.2290,
0.2024

128.0325,
134.5716, 145.1934

■ 0.0000, 0.0000,
0.0000

160.4154,

168.6204, 182.0502

197.8442,
207.9766, 224.6696

■ 19.2402, 20.2053,
21.6248

■ 19.2402, 20.2053,
21.6248

■ 17.7505, 18.3990,
17.5110

■ 20.8804, 22.1522,
26.2823

■ 16.4049, 16.7274,
13.9195

■ 22.6739, 24.2401,
31.5011

■ 15.1991, 15.1877,
10.8294

■ 24.6254, 26.4732,
37.2999

■ 14.1279, 13.7766,
8.2180

■ 26.7390, 28.8543,
43.6958

■ 13.1856, 12.4900,
6.0605

■ 29.0187, 31.3863,
50.7055

■ 12.3663, 11.3239,
4.3303

■ 31.4681, 34.0720,
58.3448

■ 11.6632, 10.2741,
2.9977

■ 34.0909, 36.9141,
66.6290

■ 11.0691, 9.3357,
2.0292

■ 36.8907, 39.9153,
75.5730

■ 10.5753, 8.5036,
1.3856

■ 39.8709, 43.0781,
85.1910

Harmonies

Analogous

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



19.3015, 20.2053, 21.7254



19.2402, 20.2053, 21.6248



19.1695, 20.2053, 21.6243

Triad

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



19.2402, 20.2053, 21.6248



19.0729, 20.2053, 22.1006



19.3010, 20.2053, 22.2785

Complementary

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



19.2402, 20.2053, 21.6248



19.0776, 20.1066, 22.2777

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.



19.2396, 20.2053, 22.3803



19.2402, 20.2053, 21.6248



19.1079, 20.2053, 22.2772

Square

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



19.2402, 20.2053, 21.6248



19.0730, 20.2053, 21.8982



19.1689, 20.2053, 22.3798



19.3366, 20.2053, 22.1024

Rectangle

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



19.2402, 20.2053, 21.6248



19.1266, 20.2053, 21.6808



19.1689, 20.2053, 22.3798



19.2827, 20.2053, 22.3226

Sweetspot

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



19.2408, 20.2062, 21.6252



34.9068, 36.7246, 39.9931



19.1787, 19.9814, 21.9150



7.9400, 8.3535, 9.0970



60.6688, 63.8283, 69.5090

Same Dimension

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



19.2408, 20.2062, 21.6252



34.3298, 36.0336, 38.3742



19.3664, 20.4575, 21.6671



4.7646, 5.0023, 5.3405



10.6549, 8.2062, 1.0224



0.0000, 0.0000, 0.0000

Inverse Universe

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



19.0776, 20.1066, 22.2777



33.9569, 35.8059, 39.8659



18.9533, 19.8578, 22.2362



4.7185, 4.9742, 5.5247



5.6743, 5.1671, 20.9482



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 19.2402, 20.2053, 21.6248 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 19.2402, 20.2053, 21.6248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

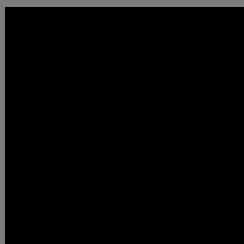
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

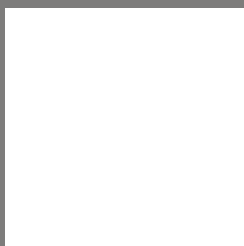
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.2402, 20.2053, 21.6248

Background



This preview shows how black text looks on a background with the XYZ color 19.2402, 20.2053, 21.6248.



This preview shows how white text looks on a background with the XYZ color 19.2402, 20.2053,

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

19.2402, 20.2053, 21.6248

Protanopia

19.5352, 20.3574, 21.6386

Deuteranopia

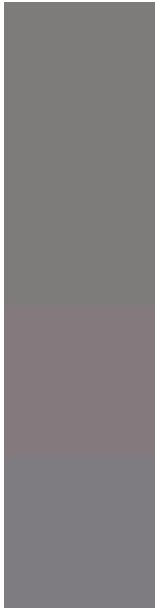
20.5079, 20.1224, 21.8719



Tritanopia

19.8520, 20.2675, 24.6955

Trichromacy



Original Color

19.2402, 20.2053, 21.6248

Protanomaly

19.3870, 20.2810, 21.6317

Deuteranomaly

19.9912, 20.0355, 21.8824

Tritanomaly

19.6496, 20.1865, 23.6296

Monochromacy



Original Color

19.2402, 20.2053, 21.6248

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.1579, 20.1556, 21.9495

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2402, 20.2053, 21.6248 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, 124, 123) looks like.

```
.text, #text, p{  
    color:rgb(125, 124, 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(125, 124, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 124, 123) }
```

Border

The CSS property to change the border of an element to XYZ 19.2402, 20.2053, 21.6248 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, 124, 123) }
```

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

```
.border{ border-color:rgb(125, 124, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 124, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 124, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 124, 123);  
box-shadow:4px 4px 4px 4px rgb(125, 124,  
123) }
```


Background

The CSS property to change the background color of an element to XYZ 19.2402, 20.2053, 21.6248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 124, 123) }
```

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

```
.background{ background-color: rgb(125,  
124, 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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