

Converting Colors

XYZ(19.5118, 20.5898, 21.3453)

Have a look what the booklet for
XYZ(19.5118, 20.5898, 21.3453)
contains.

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Color

**XYZ(19.4507, 20.5080,
21.3456)**

Conversions

Conversions Part 1

Format	Color
Hex	7E7D7A
RGB	126, 125, 122
RGB Percent	49%, 49%, 48%
CMY	0.5059, 0.5098, 0.5216
CMYK	0.00, 0.01, 0.03, 0.51
HSL	45°, 2%, 49%
HSV	45°, 3%, 49%
XYZ	19.4507, 20.5080, 21.3456
YIQ	124.9570, 1.5590, -0.7210

Conversions

Conversions Part 2

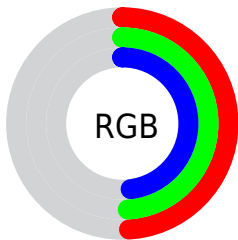
Format	Color
R_{YB}	123, 126, 122
Decimal	8289658
CIE Lab	52.41, -0.21, 1.76
CIE LCh	52, 1.771, 96.796
Yxy	20.5080, 0.3173, 0.3345
Android (android.graphics.Color)	4286479738 (0xFF7E7D7A)
YUV	124.9570, -1.4578, 0.9147
Hunter-Lab	45.2858, -2.5825, 3.7535

Details

The XYZ color **19.4507, 20.5080, 21.3456** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.8750, 19.8097, 22.5679**, and the grayscale version is **19.4834, 20.4981, 22.3224**.

A 20% lighter version of the original color is **42.1508, 44.4805, 46.4084**, and **6.8476, 7.2277, 7.3375** is the 20% darker color. If you saturate the color by 10%, you get **18.3286, 19.4330, 17.3663**, and if you desaturate by 10%, it is **20.6878, 21.6505, 25.8632**.

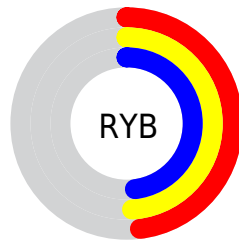
Distribution



Red (49%)

Green (49%)

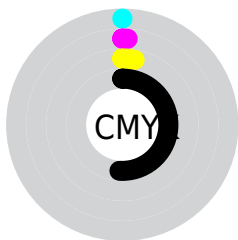
Blue (48%)



Red (48%)

Yellow (49%)

Blue (48%)

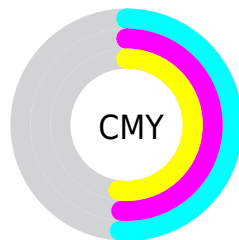


Cyan (0%)

Magenta (1%)

Yellow (3%)

Black (51%)



Cyan (51%)

Magenta (51%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4507, 20.5080, 21.3456 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 19.4507, 20.5080, 21.3456 by changing the saturation by 10% instead.

■ 19.4507, 20.5080,
21.3456

■ 19.4507, 20.5080,
21.3456

241.8163,
254.6521, 271.9506

■ 12.1023, 12.7648,
13.1832

■ 42.0053, 44.2673,
46.5502

■ 6.8861, 7.2668,
7.4226

■ 57.9423, 61.0522,
64.4295

■ 3.4367, 3.6295,
3.6453

■ 77.4728, 81.6198,
86.3848

■ 1.3887, 1.4686,
1.4329

100.9622,
106.3544, 112.8347

■ 0.2481, 0.2664,
0.1672

128.7759,
135.6406, 144.1977

■ 0.0000, 0.0000,
0.0000

161.2793,

169.8627, 180.8923

198.8376,
209.4051, 223.3371

■ 19.4507, 20.5080,
21.3456

■ 19.4507, 20.5080,
21.3456

■ 18.3286, 19.4330,
17.3663

■ 20.6878, 21.6505,
25.8632

■ 17.3157, 18.4211,
13.9036

■ 22.0420, 22.8594,
30.9371

■ 16.4086, 17.4712,
10.9362

■ 23.5175, 24.1374,
36.5861

■ 15.6025, 16.5813,
8.4409

■ 25.1175, 25.4860,
42.8276

■ 14.8927, 15.7494,
6.3927

■ 26.8455, 26.9066,
49.6783

■ 14.2739, 14.9731,
4.7641

■ 28.7045, 28.4006,
57.1544

■ 13.7401, 14.2498,
3.5246

■ 30.6977, 29.9695,
65.2714

■ 13.2846, 13.5766,
2.6396

■ 32.8279, 31.6146,
74.0440

■ 12.8993, 12.9501,
2.0667

■ 35.0980, 33.3372,
83.4869

Harmonies

Analogous

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



19.6310, 20.5080, 21.4178



19.4507, 20.5080, 21.3456



19.2826, 20.5080, 21.5338

Triad

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



19.4507, 20.5080, 21.3456



19.2123, 20.5080, 22.9377



19.8169, 20.5080, 22.7285

Complementary

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



19.4507, 20.5080, 21.3456



18.8750, 19.8097, 22.5679

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.



19.7034, 20.5080, 23.1450



19.4507, 20.5080, 21.3456



19.3542, 20.5080, 23.2672

Square

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



19.4507, 20.5080, 21.3456



19.1455, 20.5080, 22.4490



19.5338, 20.5080, 23.3436



19.8431, 20.5080, 22.2109

Rectangle

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



19.4507, 20.5080, 21.3456



19.1998, 20.5080, 21.7833



19.5338, 20.5080, 23.3436



19.7876, 20.5080, 22.8852

Sweetspot

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



19.4513, 20.5089, 21.3460



34.6889, 36.5218, 39.2025



19.1392, 19.7851, 21.5494



7.8941, 8.3108, 8.9303



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.



19.4513, 20.5089, 21.3460



34.0480, 35.9206, 36.8905



19.4315, 20.6872, 21.3815



4.7037, 4.9638, 5.0635



12.9815, 12.8593, 1.7979



0.0000, 0.0000, 0.0000

Inverse Universe

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



18.8750, 19.8097, 22.5679



32.7477, 34.3431, 39.6473



18.8941, 19.6367, 22.5335



4.5039, 4.7214, 5.4872



4.3749, 2.5683, 20.5151



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 19.4507, 20.5080, 21.3456 looks on a white background.

Color Contrast Check

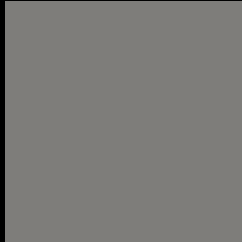
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.4507, 20.5080, 21.3456 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

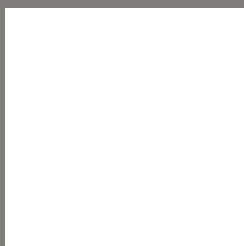
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.4507, 20.5080, 21.3456

Background



This preview shows how black text looks on a background with the XYZ color 19.4507, 20.5080, 21.3456.



This preview shows how white text looks on a background with the XYZ color 19.4507, 20.5080,

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

19.4507, 20.5080, 21.3456

Protanopia

19.6226, 20.4096, 21.3176

Deuteranopia

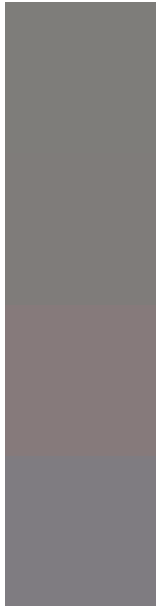
20.8938, 20.5081, 21.5961



Tritanopia

20.2187, 20.4486, 25.0716

Trichromacy



Original Color

19.4507, 20.5080, 21.3456

Protanomaly

19.4729, 20.3325, 21.3106

Deuteranomaly

20.3662, 20.4175, 21.6064

Tritanomaly

19.9225, 20.5123, 23.6781

Monochromacy



Original Color

19.4507, 20.5080, 21.3456

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.4292, 20.4824, 21.9983

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4507, 20.5080, 21.3456 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(126, 125, 122) looks like.

```
.text, #text, p{  
    color:rgb(126, 125, 122)  
}
```

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(126, 125, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 125, 122) }
```

Border

The CSS property to change the border of an element to XYZ 19.4507, 20.5080, 21.3456 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(126, 125, 122) }
```


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

```
.border{ border-color:rgb(126, 125, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 125, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 125, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 125, 122);  
box-shadow:4px 4px 4px 4px rgb(126, 125,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4507, 20.5080, 21.3456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 125, 122) }
```

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

```
.background{ background-color: rgb(126,  
125, 122) }
```

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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