

Converting Colors

XYZ(19.5462, 20.6421, 21.6932)

Have a look what the booklet for
XYZ(19.5462, 20.6421, 21.6932)
contains.

XYZ(19.5130, 20.5329, 21.6737)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(19.5130, 20.5329,
21.6737)**

Conversions

Conversions Part 1

Format	Color
Hex	7E7D7B
RGB	126, 125, 123
RGB Percent	49%, 49%, 48%
CMY	0.5059, 0.5098, 0.5176
CMYK	0.00, 0.01, 0.02, 0.51
HSL	40°, 1%, 49%
HSV	40°, 2%, 49%
XYZ	19.5130, 20.5329, 21.6737
YIQ	125.0710, 1.2380, -0.4100

Conversions

Conversions Part 2

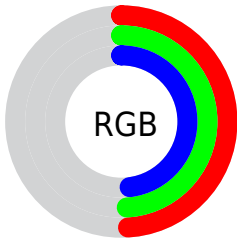
Format	Color
RYB	125, 126, 123
Decimal	8289659
CIELab	52.43, -0.01, 1.21
CIElCh	52, 1.214, 90.691
Yxy	20.5329, 0.3162, 0.3327
Android (android.graphics.Color)	4286479739 (0xFF7E7D7B)
YUV	125.0710, -1.0210, 0.8147
Hunter-Lab	45.3132, -2.4317, 3.3604

Details

The XYZ color **19.5130, 20.5329, 21.6737** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.1421, 20.1325, 22.6162**, and the grayscale version is **19.5204, 20.5370, 22.3648**.

A 20% lighter version of the original color is **42.2487, 44.5196, 46.9238**, and **6.8810, 7.2411, 7.5136** is the 20% darker color. If you saturate the color by 10%, you get **18.2551, 19.1990, 17.6102**, and if you desaturate by 10%, it is **20.8960, 21.9540, 26.2804**.

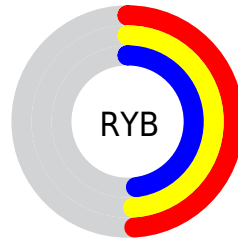
Distribution



Red (49%)

Green (49%)

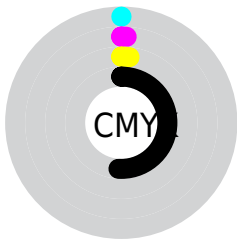
Blue (48%)



Red (49%)

Yellow (49%)

Blue (48%)

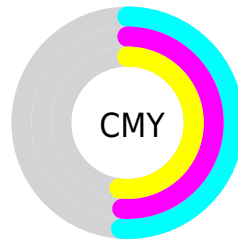


Cyan (0%)

Magenta (1%)

Yellow (2%)

Black (51%)



Cyan (51%)

Magenta (51%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.5130, 20.5329, 21.6737 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 19.5130, 20.5329, 21.6737 by changing the saturation by 10% instead.

■ 19.5130, 20.5329,
21.6737

■ 19.5130, 20.5329,
21.6737

242.1505,
254.7856, 273.7352

■ 12.1477, 12.7830,
13.4213

■ 42.1094, 44.3088,
47.1014

■ 6.9173, 7.2793,
7.5852

■ 58.0712, 61.1037,
65.1137

■ 3.4563, 3.6374,
3.7467

■ 77.6293, 81.6823,
87.2165

■ 1.3994, 1.4729,
1.4875

101.1489,
106.4290, 113.8282

■ 0.2558, 0.2695,
0.2086

128.9955,
135.7284, 145.3673

■ 0.0000, 0.0000,
0.0000

161.5344,

169.9646, 182.2525

199.1309,
209.5222, 224.9023

■ 19.5130, 20.5329,
21.6737

■ 19.5130, 20.5329,
21.6737

■ 18.2551, 19.1990,
17.6102

■ 20.8960, 21.9540,
26.2804

■ 17.1164, 17.9475,
14.0681

■ 22.4064, 23.4617,
31.4482

■ 16.0933, 16.7773,
11.0263

■ 24.0483, 25.0587,
37.1958

■ 15.1809, 15.6858,
8.4616

■ 25.8254, 26.7469,
43.5407

■ 14.3744, 14.6708,
6.3491

■ 27.7410, 28.5281,
50.4996

■ 13.6682, 13.7294,
4.6615

■ 29.7985, 30.4039,
58.0887

■ 13.0563, 12.8589,
3.3685

■ 32.0011, 32.3760,
66.3233

■ 12.5319, 12.0560,
2.4357

■ 34.3517, 34.4461,
75.2185

■ 12.0871, 11.3170,
1.8230

■ 36.8535, 36.6158,
84.7887

Harmonies

Analogous

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



19.6341, 20.5329, 21.7603



19.5130, 20.5329, 21.6737



19.3931, 20.5329, 21.7685

Triad

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



19.5130, 20.5329, 21.6737



19.3094, 20.5329, 22.7110



19.7268, 20.5329, 22.6964

Complementary

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



19.5130, 20.5329, 21.6737



19.1421, 20.1325, 22.6162

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.



19.6392, 20.5329, 22.9557



19.5130, 20.5329, 21.6737



19.3982, 20.5329, 22.9642

Square

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



19.5130, 20.5329, 21.6737



19.2759, 20.5329, 22.3652



19.5188, 20.5329, 23.0542



19.7579, 20.5329, 22.3485

Rectangle

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



19.5130, 20.5329, 21.6737



19.3300, 20.5329, 21.9224



19.5188, 20.5329, 23.0542



19.7030, 20.5329, 22.7970

Sweetspot

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



19.5136, 20.5338, 21.6741



34.6649, 36.4737, 39.1945



19.3256, 20.0571, 21.9220



7.8890, 8.3006, 8.9286



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.



19.5136, 20.5338, 21.6741



34.1879, 35.9765, 37.6274



19.5670, 20.7499, 21.7130



4.7179, 4.9648, 5.1528



12.0816, 11.0596, 1.4979



0.0000, 0.0000, 0.0000

Inverse Universe

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



19.1421, 20.1325, 22.6162



33.3484, 35.0699, 39.7559



19.0893, 19.9205, 22.5780



4.5804, 4.8163, 5.5015



4.7065, 3.2315, 20.6256



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 19.5130, 20.5329, 21.6737 looks on a white background.

Color Contrast Check

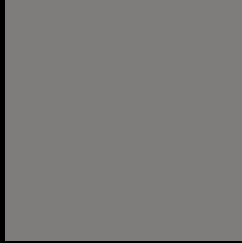
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.5130, 20.5329, 21.6737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

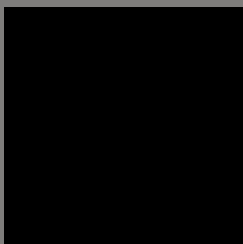
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

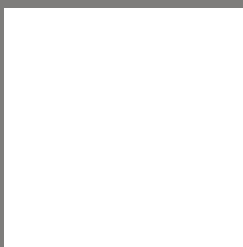
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.5130, 20.5329, 21.6737

Background



This preview shows how black text looks on a background with the XYZ color 19.5130, 20.5329, 21.6737.



This preview shows how white text looks on a background with the XYZ color 19.5130, 20.5329,

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

19.5130, 20.5329, 21.6737

Protanopia

19.6849, 20.4346, 21.6457

Deuteranopia

20.7920, 20.4483, 21.9199



Tritanopia

20.2187, 20.4486, 25.0716

Trichromacy



Original Color

19.5130, 20.5329, 21.6737

Protanomaly

19.5352, 20.3574, 21.6386

Deuteranomaly

20.2705, 20.3608, 21.9304

Tritanomaly

19.9225, 20.5123, 23.6781

Monochromacy



Original Color

19.5130, 20.5329, 21.6737

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 19.5130, 20.5329, 21.6737 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, 123) looks like.

```
.text, #text, p{  
    color:rgb(126, 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(126, 125, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 125, 123) }
```

Border

The CSS property to change the border of an element to XYZ 19.5130, 20.5329, 21.6737 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, 123) }
```


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

```
.border{ border-color:rgb(126, 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(126, 125, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 125, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 125, 123);  
box-shadow:4px 4px 4px 4px rgb(126, 125,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 19.5130, 20.5329, 21.6737 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, 123) }
```

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

```
.background{ background-color: rgb(126,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor