

Converting Colors

XYZ(22.2987, 31.5869, 16.0659)

Have a look what the booklet for
XYZ(22.2987, 31.5869, 16.0659)
contains.

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Color

**XYZ(22.1779, 31.4320,
15.9644)**

Conversions

Conversions Part 1

Format	Color
Hex	6EA660
RGB	110, 166, 96
RGB Percent	43%, 65%, 38%
CMY	0.5686, 0.3490, 0.6235
CMYK	0.34, 0.00, 0.42, 0.35
HSL	108°, 28%, 51%
HSV	108°, 42%, 65%
XYZ	22.1779, 31.4320, 15.9644
YIQ	141.2760, -10.9060, -33.6420

Conversions

Conversions Part 2

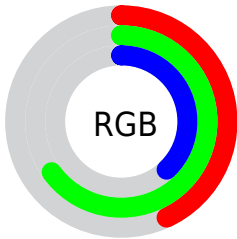
Format	Color
RYB	96, 166, 152
Decimal	7251552
CIELab	62.87, -32.14, 30.52
CIELCh	63, 44.323, 136.478
Yxy	31.4320, 0.3188, 0.4518
Android (android.graphics.Color)	4285441632 (0xFF6EA660)
YUV	141.2760, -22.3211, -27.4291
Hunter-Lab	56.0642, -27.5014, 22.3620

Details

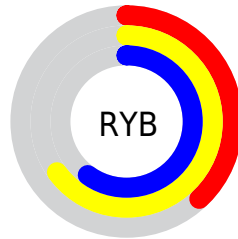
The XYZ color **22.1779, 31.4320, 15.9644** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **24.0163, 17.7954, 38.2472**, and the grayscale version is **25.5144, 26.8432, 29.2322**.

A 20% lighter version of the original color is **46.4328, 61.7120, 37.0681**, and **8.2957, 13.1476, 4.8968** is the 20% darker color. If you saturate the color by 10%, you get **19.9627, 30.3701, 12.2839**, and if you desaturate by 10%, it is **24.8038, 32.6888, 20.5079**.

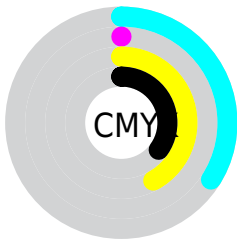
Distribution



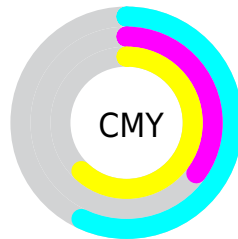
- Red (43%)
- Green (65%)
- Blue (38%)



- Red (38%)
- Yellow (65%)
- Blue (60%)



- Cyan (34%)
- Magenta (0%)
- Yellow (42%)
- Black (35%)



- Cyan (57%)
- Magenta (35%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.1779, 31.4320, 15.9644 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 22.1779, 31.4320, 15.9644 by changing the saturation by 10% instead.

■ 22.1779, 31.4320,
15.9644

■ 22.1779, 31.4320,
15.9644

256.0888,
308.5236, 240.9701

■ 14.1050, 20.9280,
9.3449

■ 46.5165, 61.9196,
37.3023

■ 8.2759, 13.0714,
4.8669

■ 63.5130, 82.6720,
52.8578

■ 4.3253, 7.4777,
2.1120

■ 84.2146, 107.6093,
72.2290

■ 1.8878, 3.7626,
0.6229

■ 108.9869,
137.1159, 95.8345

■ 0.5697, 1.5417,
0.0000

138.1951,
171.5763, 124.0928

■ 0.0000, 0.3178,
0.0000

172.2046,

■ 0.0000, 0.0000,

211.3748, 157.4225

0.0000

211.3807,
256.8957, 196.2421

■ 22.1779, 31.4320,
15.9644

■ 22.1779, 31.4320,
15.9644

■ 19.9627, 30.3701,
12.2839

■ 24.8038, 32.6888,
20.5079

■ 18.1346, 29.4894,
9.4098

■ 27.8576, 34.1456,
25.9621

■ 16.6711, 28.7806,
7.2821


■ 31.3586, 35.8121,
32.3735

■ 15.5465, 28.2317,
5.8316

■ 35.3239, 37.6964,
39.7851


■ 14.7310, 27.8294,
4.9760


■ 39.7700, 39.8059,
48.2370

 14.2704, 27.6004,
4.5753

 44.7123, 42.1480,
57.7674

 50.1657, 44.7293,
68.4123

 56.1444, 47.5566,
80.2062

 62.6621, 50.6361,
93.1820

Harmonies

Analogous

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



26.6817, 31.4320, 11.1184



22.1779, 31.4320, 15.9644



19.8932, 31.4320, 26.9805

Triad

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



22.1779, 31.4320, 15.9644



27.2254, 31.4320, 78.1628



42.5397, 31.4320, 25.5822

Complementary

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



22.1779, 31.4320, 15.9644



24.0163, 17.7954, 38.2472

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.



42.7375, 31.4320, 42.6603



22.1779, 31.4320, 15.9644



33.3138, 31.4320, 77.3903

Square

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



22.1779, 31.4320, 15.9644



22.5292, 31.4320, 64.6774



39.1745, 31.4320, 62.8291



38.6660, 31.4320, 15.2413

Rectangle

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



22.1779, 31.4320, 15.9644



19.7038, 31.4320, 38.1404



39.1745, 31.4320, 62.8291



43.0548, 31.4320, 30.5855

Sweetspot

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



22.1787, 31.4333, 15.9651



56.1887, 64.6492, 57.4183



29.0669, 31.4095, 15.5974



12.2580, 14.3170, 12.2669



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



22.1787, 31.4333, 15.9651



36.3099, 55.1553, 22.4246



21.6720, 31.0451, 21.6804



7.5717, 8.4773, 8.0265



11.0973, 21.4181, 3.5492



0.3083, 0.5409, 0.0881

Inverse Universe

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



24.0163, 17.7954, 38.2472



40.0815, 26.9026, 68.5555



25.0208, 18.5179, 29.0449



7.6928, 7.5897, 9.4779



12.8528, 6.0093, 28.4580



0.3491, 0.1649, 0.6941

Previews

White Background



This preview shows how the XYZ color 22.1779, 31.4320, 15.9644 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 22.1779, 31.4320, 15.9644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

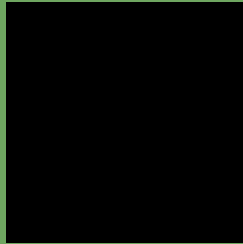
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 22.1779, 31.4320, 15.9644

Background



This preview shows how black text looks on a background with the XYZ color 22.1779, 31.4320, 15.9644.



This preview shows how white text looks on a background with the XYZ color 22.1779, 31.4320,

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

22.1779, 31.4320, 15.9644

Protanopia

28.6808, 30.9955, 14.3686

Deuteranopia

31.7658, 31.1355, 16.6474



Tritanopia

27.4810, 31.2272, 42.6093

Trichromacy



Original Color

22.1779, 31.4320, 15.9644

Protanomaly

25.7183, 30.6782, 14.9219

Deuteranomaly

27.3537, 30.7512, 16.2983

Tritanomaly

24.9999, 30.9763, 30.6480

Monochromacy



Original Color

22.1779, 31.4320, 15.9644

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

23.8139, 28.0392, 23.5590

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.1779, 31.4320, 15.9644 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(110, 166, 96)` looks like.

```
.text, #text, p{  
    color:rgb(110, 166, 96)  
}
```

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(110, 166, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 166, 96) }
```

Border

The CSS property to change the border of an element to XYZ 22.1779, 31.4320, 15.9644 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(110, 166, 96) }
```


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

```
.border{ border-color:rgb(110, 166, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 166, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 166, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 166, 96);  
box-shadow:4px 4px 4px 4px rgb(110, 166,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 22.1779, 31.4320, 15.9644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 166, 96) }
```

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

```
.background{ background-color: rgb(110,  
166, 96) }
```

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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