

Converting Colors

XYZ(22.2025, 31.9261, 31.3777)

Have a look what the booklet for
XYZ(22.2025, 31.9261, 31.3777)
contains.

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Color

**XYZ(22.2025, 31.9261,
31.3777)**

Conversions

Conversions Part 1

Format	Color
Hex	4CA990
RGB	76, 169, 144
RGB Percent	30%, 66%, 56%
CMY	0.7020, 0.3372, 0.4353
CMYK	0.55, 0.00, 0.15, 0.34
HSL	164°, 38%, 48%
HSV	164°, 55%, 66%
XYZ	22.2025, 31.9261, 31.3777
YIQ	138.3430, -47.4030, -27.4910

Conversions

Conversions Part 2

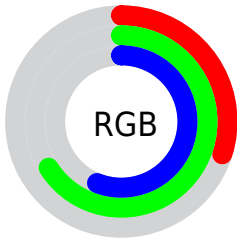
Format	Color
RYB	76, 130, 169
Decimal	5024144
CIELab	63.28, -33.80, 4.59
CIElCh	63, 34.108, 172.269
Yxy	31.9261, 0.2597, 0.3734
Android (android.graphics.Color)	4283214224 (0xFF4CA990)
YUV	138.3430, 2.7889, -54.6748
Hunter-Lab	56.5032, -28.7403, 6.6269

Details

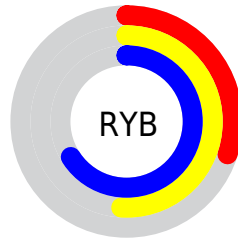
The XYZ color **22.2025, 31.9261, 31.3777** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **21.2967, 14.5443, 13.9979**, and the grayscale version is **24.2919, 25.5570, 27.8316**.

A 20% lighter version of the original color is **46.6340, 62.8332, 63.0962**, and **8.2783, 13.3054, 12.7216** is the 20% darker color. If you saturate the color by 10%, you get **20.6920, 31.1875, 29.5311**, and if you desaturate by 10%, it is **24.0815, 32.8546, 33.3159**.

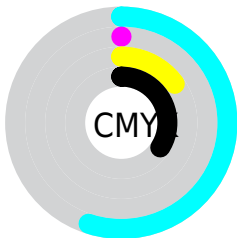
Distribution



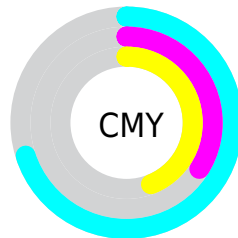
- Red (30%)
- Green (66%)
- Blue (56%)



- Red (30%)
- Yellow (51%)
- Blue (66%)



- Cyan (55%)
- Magenta (0%)
- Yellow (15%)
- Black (34%)



- Cyan (70%)
- Magenta (34%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.2025, 31.9261, 31.3777 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 22.2025, 31.9261, 31.3777 by changing the saturation by 10% instead.

■ 22.2025, 31.9261,
31.3777

■ 22.2025, 31.9261,
31.3777

256.2145,
310.7825, 322.6795

■ 14.1232, 21.3051,
20.6258

■ 46.5568, 62.6952,
62.9208

■ 8.2887, 13.3472,
12.6621

■ 63.5626, 83.6121,
84.5490

■ 4.3336, 7.6680,
7.0683

■ 84.2745, 108.7297,
110.6397

■ 1.8925, 3.8833,
3.4258

■ 109.0580,
138.4324, 141.6114

■ 0.5725, 1.6085,
1.3159

■ 138.2784,
173.1047, 177.8827

■ 0.0000, 0.3633,
0.0748

172.3010,

■ 0.0000, 0.0000,

213.1308, 219.8722

0.0000

211.4913,
258.8953, 267.9982

■ 22.2025, 31.9261,
31.3777

■ 22.2025, 31.9261,
31.3777

■ 20.6920, 31.1875,
29.5311

■ 24.0815, 32.8546,
33.3159

■ 19.5188, 30.6205,
27.7717

■ 26.3516, 33.9823,
35.3455

■ 18.6512, 30.2093,
26.0979

■ 29.0367, 35.3223,
37.4692

■ 18.0485, 29.9332,
24.5069

■ 32.1582, 36.8856,
39.6887

■ 17.7994, 29.8215,
23.7442

■ 35.7358, 38.6824,
42.0058

■ 39.7880, 40.7221,
44.4221

■ 44.3322, 43.0137,
46.9392

■ 49.3851, 45.5658,
49.5586

■ 54.9625, 48.3866,
52.2819

Harmonies

Analogous

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



23.7111, 31.9261, 21.1458



22.2025, 31.9261, 31.3777



22.6892, 31.9261, 45.5848

Triad

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



22.2025, 31.9261, 31.3777



33.9198, 31.9261, 64.8314



36.2516, 31.9261, 17.9761

Complementary

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



22.2025, 31.9261, 31.3777



21.2967, 14.5443, 13.9979

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.



39.5537, 31.9261, 25.8042



22.2025, 31.9261, 31.3777



38.1130, 31.9261, 53.2415

Square

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



22.2025, 31.9261, 31.3777



29.1388, 31.9261, 67.4480



40.2680, 31.9261, 38.3815



31.5836, 31.9261, 14.8270

Rectangle

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



22.2025, 31.9261, 31.3777



24.1056, 31.9261, 55.3662



40.2680, 31.9261, 38.3815



37.5772, 31.9261, 20.0328

Sweetspot

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



22.2034, 31.9274, 31.3784



56.2488, 65.3843, 70.1577



21.0127, 31.7444, 11.8578



12.0225, 14.1320, 15.1255



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.



22.2034, 31.9274, 31.3784



36.5553, 55.6091, 52.1952



20.8666, 25.8497, 41.4274



7.6602, 8.4971, 9.1966



13.2884, 22.2341, 17.8175



0.3429, 0.5488, 0.5367

Inverse Universe

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



21.2967, 14.5443, 13.9979



34.7976, 21.2825, 18.0366



21.8643, 17.3508, 9.0346



7.6109, 7.5742, 8.2680



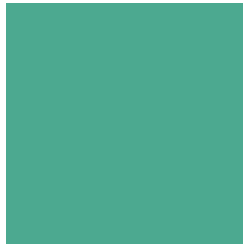
12.5736, 6.4382, 2.5662



0.3267, 0.1650, 0.1721

Previews

White Background



This preview shows how the XYZ color 22.2025, 31.9261, 31.3777 looks on a white background.

Color Contrast Check

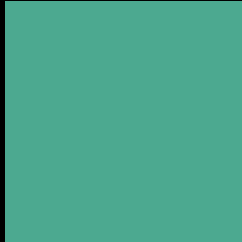
Large Text (above 18pt) WCAG AA × Fail

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 22.2025, 31.9261, 31.3777 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

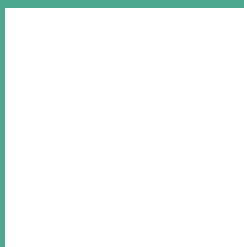
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.2025, 31.9261, 31.3777

Background



This preview shows how black text looks on a background with the XYZ color 22.2025, 31.9261, 31.3777.

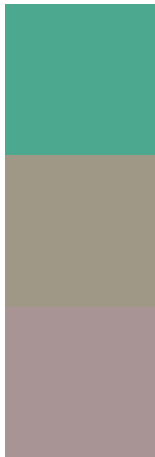


This preview shows how white text looks on a background with the XYZ color 22.2025, 31.9261,

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

22.2025, 31.9261, 31.3777

Protanopia

29.8995, 31.5767, 27.4407

Deuteranopia

32.0070, 31.3622, 32.8003



Tritanopia

25.2418, 31.7915, 46.9255

Trichromacy



Original Color

22.2025, 31.9261, 31.3777

Protanomaly

25.8676, 30.9558, 28.6565

Deuteranomaly

26.9795, 30.7002, 32.1075

Tritanomaly

24.0864, 31.8646, 40.9574

Monochromacy



Original Color

22.2025, 31.9261, 31.3777

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

22.5513, 27.0332, 28.8403

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.2025, 31.9261, 31.3777 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(76, 169, 144)` looks like.

```
.text, #text, p{  
    color:rgb(76, 169, 144)  
}
```

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(76, 169, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 169, 144) }
```

Border

The CSS property to change the border of an element to XYZ 22.2025, 31.9261, 31.3777 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(76, 169, 144) }
```


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

```
.border{ border-color:rgb(76, 169, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 169, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 169, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 169, 144);  
box-shadow:4px 4px 4px 4px rgb(76, 169,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 22.2025, 31.9261, 31.3777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 169, 144) }
```

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

```
.background{ background-color: rgb(76, 169,  
144) }
```

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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