

Converting Colors

XYZ(22.0959, 26.3685, 31.7111)

Have a look what the booklet for
XYZ(22.0959, 26.3685, 31.7111)
contains.

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Color

**XYZ(22.0069, 26.2252,
31.5059)**

Conversions

Conversions Part 1

Format	Color
Hex	6D9393
RGB	109, 147, 147
RGB Percent	43%, 58%, 58%
CMY	0.5725, 0.4235, 0.4235
CMYK	0.26, 0.00, 0.00, 0.42
HSL	180°, 15%, 50%
HSV	180°, 26%, 58%
XYZ	22.0069, 26.2252, 31.5059
YIQ	135.6380, -22.6480, -8.0560

Conversions

Conversions Part 2

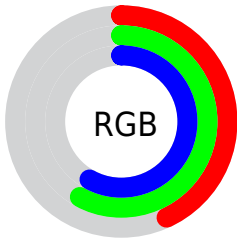
Format	Color
R_{YB}	109, 128, 147
Decimal	7181203
CIE _{Lab}	58.25, -13.02, -4.27
CIE _{LCh}	58, 13.698, 198.147
Yxy	26.2252, 0.2760, 0.3289
Android (android.graphics.Color)	4285371283 (0xFF6D9393)
YUV	135.6380, 5.6015, -23.3615
Hunter-Lab	51.2105, -12.9110, -0.6292

Details

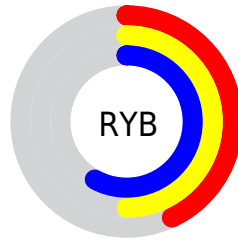
The XYZ color **22.0069, 26.2252, 31.5059** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.2625, 18.2453, 16.9229**, and the grayscale version is **23.2529, 24.4638, 26.6411**.

A 20% lighter version of the original color is **46.3296, 53.6717, 63.1762**, and **8.2040, 10.1895, 12.8436** is the 20% darker color. If you saturate the color by 10%, you get **20.3478, 25.3706, 31.4286**, and if you desaturate by 10%, it is **23.9700, 27.2379, 31.5986**.

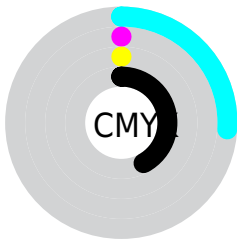
Distribution



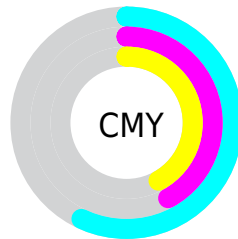
- Red (43%)
- Green (58%)
- Blue (58%)



- Red (43%)
- Yellow (50%)
- Blue (58%)



- Cyan (26%)
- Magenta (0%)
- Yellow (0%)
- Black (42%)



- Cyan (57%)
- Magenta (42%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.0069, 26.2252, 31.5059 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 22.0069, 26.2252, 31.5059 by changing the saturation by 10% instead.

■ 22.0069, 26.2252,
31.5059

■ 22.0069, 26.2252,
31.5059

255.2140,
283.8858, 323.2854

■ 13.9786, 16.9922,
20.7227

■ 46.2362, 53.6380,
63.1246

■ 8.1874, 10.2289,
12.7322

■ 63.1678, 72.5866,
84.7971

■ 4.2679, 5.5510,
7.1158

■ 83.7980, 95.5426,
110.9365

■ 1.8548, 2.5740,
3.4551

■ 108.4921,
122.8902, 141.9613

■ 0.5503, 0.9136,
1.3315

137.6153,
155.0140, 178.2901

■ 0.0000, 0.0000,
0.0874

171.5332,

■ 0.0000, 0.0000,

192.2982, 220.3413

0.0000

210.6109,
235.1274, 268.5335

■ 22.0069, 26.2252,
31.5059

■ 22.0069, 26.2252,
31.5059

■ 20.3478, 25.3706,
31.4286

■ 23.9700, 27.2379,
31.5986

■ 18.9753, 24.6631,
31.3641

■ 26.2488, 28.4126,
31.7055

■ 17.8740, 24.0953,
31.3123

■ 28.8572, 29.7573,
31.8278

■ 17.0258, 23.6581,
31.2724

■ 31.8075, 31.2783,
31.9661

■ 16.4107, 23.3410,
31.2434

■ 35.1115, 32.9815,
32.1210

■ 16.0055, 23.1320,
31.2242

■ 38.7804, 34.8729,
32.2929

■ 15.7767, 23.0141,
31.2132

■ 42.8248, 36.9579,
32.4824

■ 15.7004, 22.9748,
31.2095

■ 47.2550, 39.2417,
32.6900

■ 52.0809, 41.7295,
32.9161

Harmonies

Analogous

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



21.9233, 26.2252, 26.7131



22.0069, 26.2252, 31.5059



22.8512, 26.2252, 35.9410

Triad

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



22.0069, 26.2252, 31.5059



27.3871, 26.2252, 35.1177



25.5895, 26.2252, 20.4906

Complementary

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



22.0069, 26.2252, 31.5059



20.2625, 18.2453, 16.9229

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.



27.1233, 26.2252, 22.2569



22.0069, 26.2252, 31.5059



28.1917, 26.2252, 30.4792

Square

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



22.0069, 26.2252, 31.5059



25.9365, 26.2252, 38.1808



28.0930, 26.2252, 25.7940



23.9426, 26.2252, 20.7001

Rectangle

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



22.0069, 26.2252, 31.5059



23.7538, 26.2252, 37.9353



28.0930, 26.2252, 25.7940



26.1367, 26.2252, 20.8641

Sweetspot

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



22.0077, 26.2263, 31.5065



46.0100, 50.3676, 56.7312



19.5798, 25.2641, 18.3132



10.3686, 11.4285, 12.9442



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



22.0077, 26.2263, 31.5065



37.6265, 46.0458, 56.3378



19.3760, 20.9628, 30.6299



5.9641, 6.5622, 7.4220



13.6108, 19.9171, 27.0560



0.1666, 0.2438, 0.3312

Inverse Universe

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



20.2625, 18.2453, 16.9229



33.9574, 29.2661, 25.6764



22.4307, 22.5818, 17.6452



5.8008, 5.8154, 6.0573



10.4317, 5.3777, 0.4884



0.1277, 0.0658, 0.0060

Previews

White Background



This preview shows how the XYZ color 22.0069, 26.2252, 31.5059 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 22.0069, 26.2252, 31.5059 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

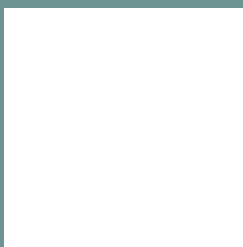
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.0069, 26.2252, 31.5059

Background



This preview shows how black text looks on a background with the XYZ color 22.0069, 26.2252, 31.5059.



This preview shows how white text looks on a background with the XYZ color 22.0069, 26.2252,

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

22.0069, 26.2252, 31.5059

Protanopia

25.0996, 26.0810, 29.3024

Deuteranopia

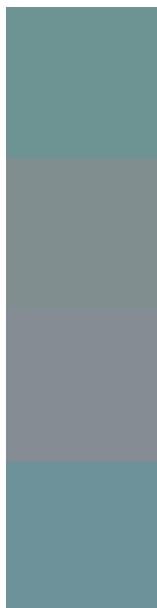
26.6234, 26.1678, 32.0815



Tritanopia

22.7667, 26.0646, 35.7293

Trichromacy



Original Color

22.0069, 26.2252, 31.5059

Protanomaly

23.7603, 26.0267, 30.1569

Deuteranomaly

24.5549, 25.9626, 31.7341

Tritanomaly

22.4591, 26.1727, 34.0051

Monochromacy



Original Color

22.0069, 26.2252, 31.5059

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

22.7159, 25.0852, 28.4556

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.0069, 26.2252, 31.5059 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(109, 147, 147)` looks like.

```
.text, #text, p{  
    color:rgb(109, 147, 147)  
}
```

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(109, 147, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 147, 147) }
```

Border

The CSS property to change the border of an element to XYZ 22.0069, 26.2252, 31.5059 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(109, 147, 147) }
```


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

```
.border{ border-color:rgb(109, 147, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 147, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 147, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 147, 147);  
box-shadow:4px 4px 4px 4px rgb(109, 147,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 22.0069, 26.2252, 31.5059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 147, 147) }
```

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

```
.background{ background-color: rgb(109,  
147, 147) }
```

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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