

Converting Colors

XYZ(22.9110, 31.2711, 23.0445)

Have a look what the booklet for
XYZ(22.9110, 31.2711, 23.0445)
contains.

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Color

**XYZ(22.9697, 31.4165,
22.9425)**

Conversions

Conversions Part 1

Format	Color
Hex	6BA579
RGB	107, 165, 121
RGB Percent	42%, 65%, 47%
CMY	0.5804, 0.3529, 0.5255
CMYK	0.35, 0.00, 0.27, 0.35
HSL	134°, 24%, 53%
HSV	134°, 35%, 65%
XYZ	22.9697, 31.4165, 22.9425
YIQ	142.6420, -20.4440, -25.9800

Conversions

Conversions Part 2

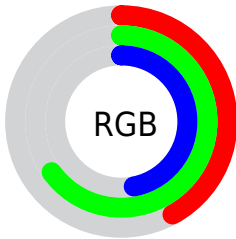
Format	Color
RYB	107, 154, 165
Decimal	7054713
CIELab	62.86, -28.46, 16.95
CIELCh	63, 33.127, 149.226
Yxy	31.4165, 0.2970, 0.4063
Android (android.graphics.Color)	4285244793 (0xFF6BA579)
YUV	142.6420, -10.6695, -31.2580
Hunter-Lab	56.0504, -24.9382, 14.9668

Details

The XYZ color **22.9697, 31.4165, 22.9425** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **26.3617, 20.7497, 31.8950**, and the grayscale version is **26.0134, 27.3681, 29.8038**.

A 20% lighter version of the original color is **47.7304, 61.7160, 49.4411**, and **8.7057, 13.1189, 8.2043** is the 20% darker color. If you saturate the color by 10%, you get **20.4537, 30.2033, 19.0746**, and if you desaturate by 10%, it is **25.9656, 32.8673, 27.3543**.

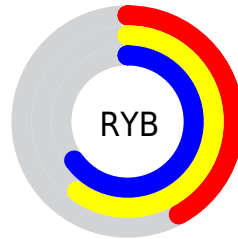
Distribution



Red (42%)

Green (65%)

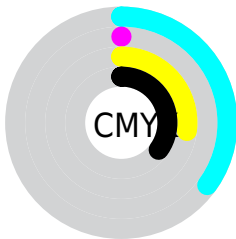
Blue (47%)



Red (42%)

Yellow (60%)

Blue (65%)

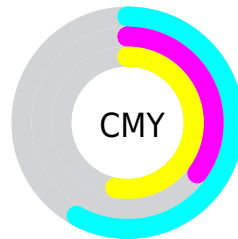


Cyan (35%)

Magenta (0%)

Yellow (27%)

Black (35%)



Cyan (58%)

Magenta (35%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.9697, 31.4165, 22.9425 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 22.9697, 31.4165, 22.9425 by changing the saturation by 10% instead.

■ 22.9697, 31.4165,
22.9425

■ 22.9697, 31.4165,
22.9425

260.1076,
308.4526, 280.5419

■ 14.6917, 20.9162,
14.3462

■ 47.8106, 61.8952,
49.2209

■ 8.6882, 13.0628,
8.2203

■ 65.1042, 82.6424,
67.7400

■ 4.5938, 7.4718,
4.1465

■ 86.1337, 107.5741,
90.4038

■ 2.0433, 3.7589,
1.7060

■ 111.2645,
137.0745, 117.6308

■ 0.6581, 1.5396,
0.3649

140.8620,
171.5282, 149.8396

■ 0.0000, 0.3164,
0.0000

175.2914,

■ 0.0000, 0.0000,

211.3195, 187.4487

0.0000

214.9181,
256.8328, 230.8766

■ 22.9697, 31.4165,
22.9425

■ 22.9697, 31.4165,
22.9425

■ 20.4537, 30.2033,
19.0746

■ 25.9656, 32.8673,
27.3543

■ 18.3896, 29.2112,
15.7273

■ 29.4624, 34.5635,
32.3276

■ 16.7504, 28.4276,
12.8790


■ 33.4827, 36.5173,
37.8822


■ 15.5053, 27.8369,
10.5055


■ 38.0473, 38.7389,
44.0359


■ 14.6187, 27.4215,
8.5808


■ 43.1756, 41.2381,
50.8060


 14.0469, 27.1595,
7.0760

 48.8861, 44.0241,
58.2091

 13.8358, 27.0635,
6.4867

 55.1964, 47.1055,
66.2610

 62.1236, 50.4908,
74.9770

 69.4981, 54.0924,
84.3633

Harmonies

Analogous

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



25.7972, 31.4165, 16.6973



22.9697, 31.4165, 22.9425



21.9537, 31.4165, 33.8706

Triad

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



22.9697, 31.4165, 22.9425



29.7427, 31.4165, 65.7949



38.1461, 31.4165, 23.3936

Complementary

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



22.9697, 31.4165, 22.9425



26.3617, 20.7497, 31.8950

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.



39.4687, 31.4165, 34.5460



22.9697, 31.4165, 22.9425



34.3293, 31.4165, 60.9970

Square

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



22.9697, 31.4165, 22.9425



25.6124, 31.4165, 60.5018



38.0075, 31.4165, 48.6617



34.5540, 31.4165, 16.9075

Rectangle

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



22.9697, 31.4165, 22.9425



22.3521, 31.4165, 43.1193



38.0075, 31.4165, 48.6617



38.8861, 31.4165, 26.6164

Sweetspot

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



22.9705, 31.4178, 22.9432



55.4930, 63.2243, 61.6976



28.9594, 34.5973, 19.0618



11.9364, 13.7271, 13.2171



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



22.9705, 31.4178, 22.9432



37.6281, 54.5709, 35.7243



24.9870, 32.2244, 33.5616



7.0524, 7.9218, 7.8877



10.4836, 20.4798, 4.9971



0.2375, 0.4372, 0.1956

Inverse Universe

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



26.3617, 20.7497, 31.8950



44.5955, 32.6281, 54.0986



24.3175, 19.9321, 21.1305



7.2909, 7.1728, 8.5182



14.5678, 7.1832, 15.4465



0.3228, 0.1576, 0.4127

Previews

White Background



This preview shows how the XYZ color 22.9697, 31.4165, 22.9425 looks on a white background.

Color Contrast Check

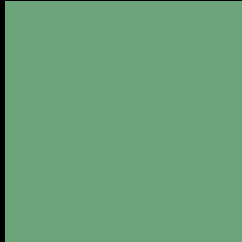
Large Text (above 18pt) WCAG AA × Fail

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 22.9697, 31.4165, 22.9425 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 22.9697, 31.4165, 22.9425

Background



This preview shows how black text looks on a background with the XYZ color 22.9697, 31.4165, 22.9425.



This preview shows how white text looks on a background with the XYZ color 22.9697, 31.4165,

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

22.9697, 31.4165, 22.9425

Protanopia

29.0614, 31.0524, 20.6817

Deuteranopia

31.6598, 31.1524, 23.7464



Tritanopia

26.9137, 31.1759, 43.1271

Trichromacy



Original Color

22.9697, 31.4165, 22.9425

Protanomaly

26.2547, 30.8121, 21.3932

Deuteranomaly

27.6070, 30.7217, 23.5436

Tritanomaly

25.3047, 31.3004, 34.8449

Monochromacy



Original Color

22.9697, 31.4165, 22.9425

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

24.6457, 28.6283, 27.1485

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.9697, 31.4165, 22.9425 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(107, 165, 121)` looks like.

```
.text, #text, p{  
    color:rgb(107, 165, 121)  
}
```

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(107, 165, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 165, 121) }
```

Border

The CSS property to change the border of an element to XYZ 22.9697, 31.4165, 22.9425 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(107, 165, 121) }
```


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

```
.border{ border-color:rgb(107, 165, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 165, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 165, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 165, 121);  
box-shadow:4px 4px 4px 4px rgb(107, 165,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 22.9697, 31.4165, 22.9425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 165, 121) }
```

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

```
.background{ background-color: rgb(107,  
165, 121) }
```

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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