

Converting Colors

XYZ(21.3263, 26.8454, 23.2209)

Have a look what the booklet for
XYZ(21.3263, 26.8454, 23.2209)
contains.

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Color

**XYZ(21.2265, 26.7127,
23.1061)**

Conversions

Conversions Part 1

Format	Color
Hex	70967C
RGB	112, 150, 124
RGB Percent	44%, 59%, 49%
CMY	0.5608, 0.4118, 0.5137
CMYK	0.25, 0.00, 0.17, 0.41
HSL	139°, 15%, 51%
HSV	139°, 25%, 59%
XYZ	21.2265, 26.7127, 23.1061
YIQ	135.6740, -14.3020, -16.1420

Conversions

Conversions Part 2

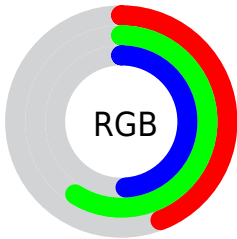
Format	Color
R_{YB}	112, 141, 150
Decimal	7378556
CIE _{Lab}	58.71, -18.66, 9.51
CIE _{LCh}	59, 20.945, 152.991
Yxy	26.7127, 0.2988, 0.3760
Android (android.graphics.Color)	4285568636 (0xFF70967C)
YUV	135.6740, -5.7553, -20.7621
Hunter-Lab	51.6843, -17.1385, 9.6727

Details

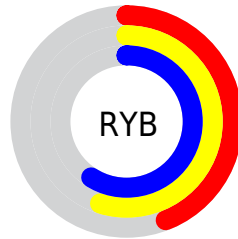
The XYZ color **21.2265, 26.7127, 23.1061** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.9602, 19.9079, 26.6783**, and the grayscale version is **23.3051, 24.5188, 26.7009**.

A 20% lighter version of the original color is **44.8385, 54.2526, 49.7035**, and **7.7817, 10.4884, 8.2709** is the 20% darker color. If you saturate the color by 10%, you get **18.8590, 25.5641, 19.7818**, and if you desaturate by 10%, it is **23.9810, 28.0545, 26.8023**.

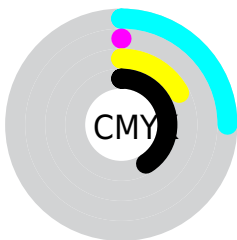
Distribution



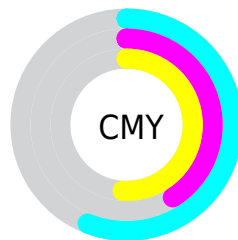
- Red (44%)
- Green (59%)
- Blue (49%)



- Red (44%)
- Yellow (55%)
- Blue (59%)



- Cyan (25%)
- Magenta (0%)
- Yellow (17%)
- Black (41%)



- Cyan (56%)
- Magenta (41%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.2265, 26.7127, 23.1061 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 21.2265, 26.7127, 23.1061 by changing the saturation by 10% instead.

■ 21.2265, 26.7127,
23.1061

■ 21.2265, 26.7127,
23.1061

251.1888,
286.2634, 281.4090

■ 13.4031, 17.3576,
14.4658

■ 44.9526, 54.4225,
49.4929

■ 7.7856, 10.4898,
8.3029

■ 61.5860, 73.5460,
68.0765

■ 4.0087, 5.7249,
4.1989

■ 81.8868, 96.6943,
90.8116

■ 1.7071, 2.6785,
1.7351

■ 106.2203,
124.2520, 118.1168

■ 0.4607, 0.9663,
0.3846

134.9519,
156.6033, 150.4106

■ 0.0000, 0.0000,
0.0000

168.4470,

194.1327, 188.1115

207.0708,
237.2246, 231.6382

■ 21.2265, 26.7127,
23.1061

■ 21.2265, 26.7127,
23.1061

■ 18.8590, 25.5641,
19.7818

■ 23.9810, 28.0545,
26.8023

■ 16.8586, 24.5964,
16.8162

■ 27.1370, 29.5945,
30.8798

■ 15.2067, 23.8011,
14.1976

■ 30.7107, 31.3416,
35.3496

■ 13.8823, 23.1675,
11.9131

■ 34.7171, 33.3033,
40.2220

■ 12.8619, 22.6839,
9.9491

■ 39.1702, 35.4865,
45.5068

■ 12.1188, 22.3368,
8.2909

■ 44.0833, 37.8981,
51.2134

■ 11.6179, 22.1083,
6.9224

■ 49.4693, 40.5444,
57.3510

■ 11.4274, 22.0220,
6.3769

■ 55.3405, 43.4317,
63.9284

■ 61.7088, 46.5657,
70.9542

Harmonies

Analogous

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



22.7864, 26.7127, 18.7340



21.2265, 26.7127, 23.1061



20.7565, 26.7127, 29.8322

Triad

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



21.2265, 26.7127, 23.1061



25.6490, 26.7127, 45.6806



29.7759, 26.7127, 22.0236

Complementary

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



21.2265, 26.7127, 23.1061



22.9602, 19.9079, 26.6783

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.



30.6655, 26.7127, 28.3516



21.2265, 26.7127, 23.1061



28.1839, 26.7127, 42.6835

Square

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



21.2265, 26.7127, 23.1061



23.2055, 26.7127, 43.6467



30.0643, 26.7127, 36.0168



27.7067, 26.7127, 18.1873

Rectangle

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



21.2265, 26.7127, 23.1061



21.0965, 26.7127, 34.9869



30.0643, 26.7127, 36.0168



30.2289, 26.7127, 23.8882

Sweetspot

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



21.2272, 26.7138, 23.1067



46.2426, 51.4215, 52.3926



24.4128, 28.4384, 19.5319



10.0726, 11.3101, 11.3854



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.



21.2272, 26.7138, 23.1067



35.1799, 46.0342, 37.6117



22.5018, 27.2237, 29.8188



5.8006, 6.4968, 6.5607



9.4905, 18.2690, 5.3583



0.1284, 0.2285, 0.1298

Inverse Universe

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



22.9602, 19.9079, 26.6783



38.7344, 32.0681, 44.9328



21.7385, 19.4192, 20.2452



5.9582, 5.8783, 6.8858



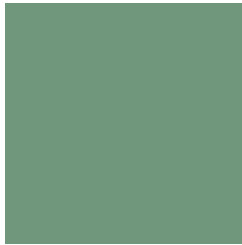
12.4618, 6.1898, 11.1786



0.1659, 0.0811, 0.2073

Previews

White Background



This preview shows how the XYZ color 21.2265, 26.7127, 23.1061 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 21.2265, 26.7127, 23.1061 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 21.2265, 26.7127, 23.1061

Background



This preview shows how black text looks on a background with the XYZ color 21.2265, 26.7127, 23.1061.



This preview shows how white text looks on a background with the XYZ color 21.2265, 26.7127,

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

21.2265, 26.7127, 23.1061

Protanopia

24.9206, 26.3840, 21.2319

Deuteranopia

26.9330, 26.5116, 23.7764



Tritanopia

23.6824, 26.5367, 35.7722

Trichromacy



Original Color

21.2265, 26.7127, 23.1061

Protanomaly

23.4161, 26.4779, 21.9657

Deuteranomaly

24.4461, 26.3069, 23.5280

Tritanomaly

22.7470, 26.6248, 30.7283

Monochromacy



Original Color

21.2265, 26.7127, 23.1061

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

22.4421, 25.2277, 25.5164

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.2265, 26.7127, 23.1061 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(112, 150, 124)` looks like.

```
.text, #text, p{  
    color:rgb(112, 150, 124)  
}
```

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(112, 150, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 150, 124) }
```

Border

The CSS property to change the border of an element to XYZ 21.2265, 26.7127, 23.1061 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(112, 150, 124) }
```


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

```
.border{ border-color:rgb(112, 150, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 150, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 150, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 150, 124);  
box-shadow:4px 4px 4px 4px rgb(112, 150,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 21.2265, 26.7127, 23.1061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 150, 124) }
```

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

```
.background{ background-color: rgb(112,  
150, 124) }
```

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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