

Converting Colors

XYZ(21.8109, 26.8127, 29.8156)

Have a look what the booklet for
XYZ(21.8109, 26.8127, 29.8156)
contains.

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Color

**XYZ(21.9277, 26.9217,
30.0273)**

Conversions

Conversions Part 1

Format	Color
Hex	6B968F
RGB	107, 150, 143
RGB Percent	42%, 59%, 56%
CMY	0.5804, 0.4118, 0.4392
CMYK	0.29, 0.00, 0.05, 0.41
HSL	170°, 17%, 50%
HSV	170°, 29%, 59%
XYZ	21.9277, 26.9217, 30.0273
YIQ	136.3450, -23.3810, -11.2930

Conversions

Conversions Part 2

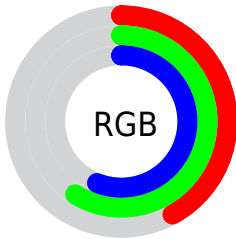
Format	Color
RYB	107, 130, 150
Decimal	7050895
CIELab	58.90, -16.19, -1.04
CIELCh	59, 16.227, 183.676
Yxy	26.9217, 0.2780, 0.3413
Android (android.graphics.Color)	4285240975 (0xFF6B968F)
YUV	136.3450, 3.2809, -25.7356
Hunter-Lab	51.8861, -15.3645, 2.0083

Details

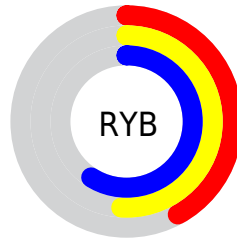
The XYZ color **21.9277, 26.9217, 30.0273** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.8736, 18.2151, 18.3364**, and the grayscale version is **23.5261, 24.7513, 26.9542**.

A 20% lighter version of the original color is **46.1681, 54.6905, 60.9463**, and **8.1250, 10.5839, 11.9706** is the 20% darker color. If you saturate the color by 10%, you get **20.0956, 25.9990, 28.9866**, and if you desaturate by 10%, it is **24.0783, 28.0095, 31.1051**.

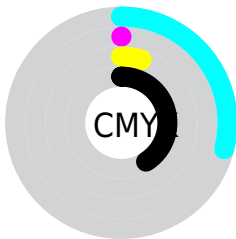
Distribution



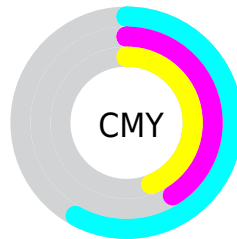
- Red (42%)
- Green (59%)
- Blue (56%)



- Red (42%)
- Yellow (51%)
- Blue (59%)



- Cyan (29%)
- Magenta (0%)
- Yellow (5%)
- Black (41%)



- Cyan (58%)
- Magenta (41%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.9277, 26.9217, 30.0273 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 21.9277, 26.9217, 30.0273 by changing the saturation by 10% instead.

■ 21.9277, 26.9217,
30.0273

■ 21.9277, 26.9217,
30.0273

254.8079,
287.2778, 316.2429

■ 13.9201, 17.5144,
19.6071

■ 46.1062, 54.7582,
60.7669

■ 8.1464, 10.6019,
11.9285

■ 63.0078, 73.9562,
81.9233

■ 4.2414, 5.7998,
6.5731

■ 83.6048, 97.1866,
107.4955

■ 1.8396, 2.7238,
3.1222

■ 108.2626,
124.8337, 137.9021

■ 0.5413, 0.9893,
1.1574

137.3464,
157.2820, 173.5616

■ 0.0000, 0.0000,
0.0000

171.2216,

194.9159, 214.8926

210.2537,
238.1197, 262.3135

■ 21.9277, 26.9217,
30.0273

■ 21.9277, 26.9217,
30.0273

■ 20.0956, 25.9990,
28.9866

■ 24.0783, 28.0095,
31.1051

■ 18.5634, 25.2299,
27.9803

■ 26.5601, 29.2668,
32.2189

■ 17.3143, 24.6061,
27.0080

■ 29.3878, 30.7020,
33.3703

■ 16.3288, 24.1179,
26.0687

■ 32.5747, 32.3219,
34.5599

■ 15.5849, 23.7537,
25.1612

■ 36.1334, 34.1329,
35.7884

■ 15.0571, 23.5005,
24.2841

■ 40.0758, 36.1413,
37.0566

■ 14.6915, 23.3304,
23.4349

■ 44.4132, 38.3528,
38.3650

■ 14.6455, 23.3092,
23.3234

■ 49.1566, 40.7732,
39.7144

■ 54.3164, 43.4078,
41.1053

Harmonies

Analogous

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



22.2834, 26.9217, 24.6809



21.9277, 26.9217, 30.0273



22.5098, 26.9217, 35.8772

Triad

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



21.9277, 26.9217, 30.0273



27.7879, 26.9217, 39.5042



27.3377, 26.9217, 20.4825

Complementary

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



21.9277, 26.9217, 30.0273



20.8736, 18.2151, 18.3364

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.



28.9354, 26.9217, 23.6029



21.9277, 26.9217, 30.0273



29.2047, 26.9217, 34.4915

Square

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



21.9277, 26.9217, 30.0273



25.8364, 26.9217, 41.7813



29.6351, 26.9217, 28.6104



25.3417, 26.9217, 19.6107

Rectangle

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



21.9277, 26.9217, 30.0273



23.3701, 26.9217, 39.1478



29.6351, 26.9217, 28.6104



27.9425, 26.9217, 21.2812

Sweetspot

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



21.9285, 26.9228, 30.0279



46.6324, 51.5263, 56.7549



20.5222, 26.4640, 17.9368



10.1985, 11.3500, 12.5189



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.



21.9285, 26.9228, 30.0279



36.6902, 46.4985, 51.8797



20.3266, 22.8433, 32.1933



5.9240, 6.5462, 7.2106



12.1560, 19.3352, 19.3951



0.1575, 0.2401, 0.2833

Inverse Universe

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



20.8736, 18.2151, 18.3364



34.5377, 28.7107, 28.0088



22.1104, 21.3023, 16.8568



5.8370, 5.8299, 6.2480



10.5806, 5.4373, 1.2724



0.1368, 0.0695, 0.0539

Previews

White Background



This preview shows how the XYZ color 21.9277, 26.9217, 30.0273 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 21.9277, 26.9217, 30.0273 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

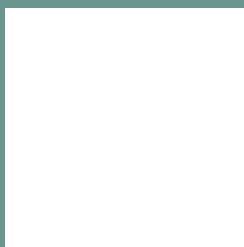
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.9277, 26.9217, 30.0273

Background



This preview shows how black text looks on a background with the XYZ color 21.9277, 26.9217, 30.0273.



This preview shows how white text looks on a background with the XYZ color 21.9277, 26.9217,

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

21.9277, 26.9217, 30.0273

Protanopia

25.7894, 26.9045, 27.8786

Deuteranopia

27.2708, 26.7389, 30.9179



Tritanopia

23.4035, 27.0625, 36.7910

Trichromacy



Original Color

21.9277, 26.9217, 30.0273

Protanomaly

24.0670, 26.6653, 28.6894

Deuteranomaly

24.9372, 26.6246, 30.6128

Tritanomaly

22.9276, 27.1098, 34.1613

Monochromacy



Original Color

21.9277, 26.9217, 30.0273

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

22.6425, 25.2738, 28.1110

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.9277, 26.9217, 30.0273 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, 150, 143)` looks like.

```
.text, #text, p{  
    color:rgb(107, 150, 143)  
}
```

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, 150, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 150, 143) }
```

Border

The CSS property to change the border of an element to XYZ 21.9277, 26.9217, 30.0273 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, 150, 143) }
```


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

```
.border{ border-color:rgb(107, 150, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 150, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 150, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 150, 143);  
box-shadow:4px 4px 4px 4px rgb(107, 150,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 21.9277, 26.9217, 30.0273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 150, 143) }
```

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

```
.background{ background-color: rgb(107,  
150, 143) }
```

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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