

Converting Colors

XYZ(21.8926, 26.8422, 54.4793)

Have a look what the booklet for
XYZ(21.8926, 26.8422, 54.4793)
contains.

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Color

**XYZ(21.8926, 26.8422,
54.4793)**

Conversions

Conversions Part 1

Format	Color
Hex	2C98C1
RGB	44, 152, 193
RGB Percent	17%, 60%, 76%
CMY	0.8274, 0.4039, 0.2431
CMYK	0.77, 0.21, 0.00, 0.24
HSL	197°, 63%, 46%
HSV	197°, 77%, 76%
XYZ	21.8926, 26.8422, 54.4793
YIQ	124.3820, -77.5290, -10.1450

Conversions

Conversions Part 2

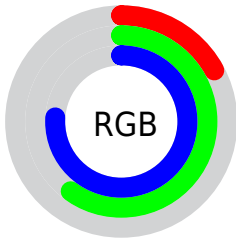
Format	Color
R_{YB}	44, 107, 193
Decimal	2922689
CIE _{Lab}	58.83, -16.04, -29.76
CIE _{LCh}	59, 33.810, 241.679
Yxy	26.8422, 0.2121, 0.2601
Android (android.graphics.Color)	4281112769 (0xFF2C98C1)
YUV	124.3820, 33.8287, -70.4950
Hunter-Lab	51.8095, -15.2396, -26.0787

Details

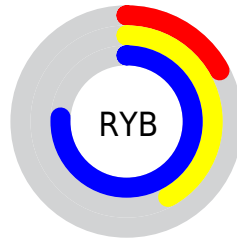
The XYZ color **21.8926, 26.8422, 54.4793** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark muted azure. A complement of this color would be **25.6968, 18.0183, 4.5076**, and the grayscale version is **19.1962, 20.1959, 21.9933**.

A 20% lighter version of the original color is **46.0087, 54.4895, 98.5351**, and **9.3139, 11.1714, 26.0915** is the 20% darker color. If you saturate the color by 10%, you get **20.4053, 24.8248, 54.1688**, and if you desaturate by 10%, it is **23.8056, 29.1374, 54.8220**.

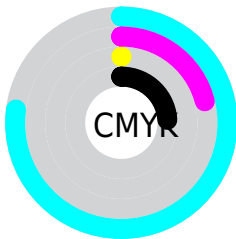
Distribution



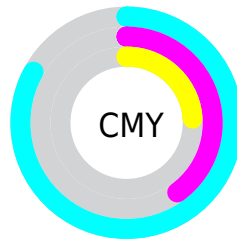
- Red (17%)
- Green (60%)
- Blue (76%)



- Red (17%)
- Yellow (42%)
- Blue (76%)



- Cyan (77%)
- Magenta (21%)
- Yellow (0%)
- Black (24%)



- Cyan (83%)
- Magenta (40%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.8926, 26.8422, 54.4793 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 21.8926, 26.8422, 54.4793 by changing the saturation by 10% instead.

■ 21.8926, 26.8422,
54.4793

■ 21.8926, 26.8422,
54.4793

254.6278,
286.8923, 421.1613

■ 13.8942, 17.4547,
38.5892

■ 46.0486, 54.6305,
98.2411

■ 8.1283, 10.5592,
26.1349

■ 62.9369, 73.8002,
126.9499

■ 4.2297, 5.7713,
16.6979

■ 83.5191, 96.9994,
160.7687

■ 1.8329, 2.7065,
9.8597

■ 108.1608,
124.6126, 200.1160

■ 0.5373, 0.9805,
5.2016

■ 137.2271,
157.0240, 245.4104

■ 0.0000, 0.0000,
2.3053

171.0835,

■ 0.0000, 0.0000,

194.6182, 297.0704

0.7342

210.0952,
237.7795, 355.5145

■ 0.0000, 0.0000,
0.0000

■ 21.8926, 26.8422,
54.4793

■ 21.8926, 26.8422,
54.4793

■ 20.4053, 24.8248,
54.1688

■ 23.8056, 29.1374,
54.8220

■ 19.2745, 23.0472,
53.8853

■ 26.1894, 31.7328,
55.1973

■ 18.9878, 22.5745,
53.8092

■ 29.0860, 34.6512,
55.6080

■ 32.5315, 37.9122,
56.0558

■ 36.5590, 41.5333,
56.5425

■ 41.1986, 45.5308,
57.0696

■ 46.4784, 49.9198,
57.6384

■ 52.4245, 54.7144,
58.2505

■ 59.0617, 59.9281,
58.9070

Harmonies

Analogous

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



19.2759, 26.8422, 43.0306



21.8926, 26.8422, 54.4793



25.7485, 26.8422, 58.7363

Triad

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



21.8926, 26.8422, 54.4793



34.4021, 26.8422, 28.5584



21.5269, 26.8422, 13.7092

Complementary

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



21.8926, 26.8422, 54.4793



25.6968, 18.0183, 4.5076

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.



25.2783, 26.8422, 11.7498



21.8926, 26.8422, 54.4793



32.9676, 26.8422, 18.7441

Square

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



21.8926, 26.8422, 54.4793



33.2473, 26.8422, 41.5388



29.5114, 26.8422, 13.3067



19.0816, 26.8422, 19.6249

Rectangle

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



21.8926, 26.8422, 54.4793



28.5928, 26.8422, 56.2011



29.5114, 26.8422, 13.3067



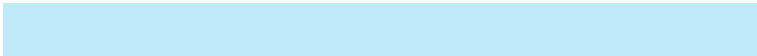
22.6622, 26.8422, 12.6519

Sweetspot

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



21.8935, 26.8431, 54.4800



68.5317, 77.0507, 101.6206



21.6996, 39.3122, 14.7790



14.0790, 15.9864, 21.7289



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



21.8935, 26.8431, 54.4800



35.0272, 42.1146, 96.6431



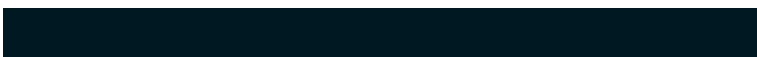
13.4448, 9.9458, 51.6637



10.1266, 10.9446, 12.8636



12.6987, 15.1538, 35.8123



0.6038, 0.7651, 1.5657

Inverse Universe

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



28.5614, 15.4069, 31.1751



48.4539, 24.2647, 48.5539



34.7147, 36.0541, 7.5136



10.3752, 10.1987, 12.0664



17.8057, 8.8120, 17.4206



0.7972, 0.3919, 0.8993

Previews

White Background



This preview shows how the XYZ color 21.8926, 26.8422, 54.4793 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 21.8926, 26.8422, 54.4793 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

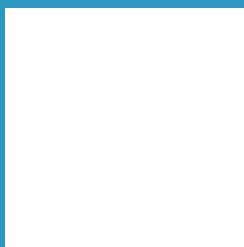
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.8926, 26.8422, 54.4793

Background



This preview shows how black text looks on a background with the XYZ color 21.8926, 26.8422, 54.4793.

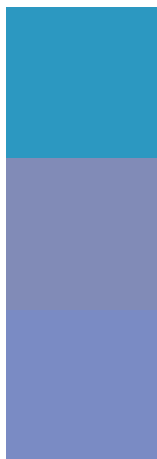


This preview shows how white text looks on a background with the XYZ color 21.8926, 26.8422,

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

21.8926, 26.8422, 54.4793

Protanopia

26.8331, 26.5513, 48.5104

Deuteranopia

27.2225, 26.5883, 55.9218



Tritanopia

19.1879, 26.7127, 41.6809

Trichromacy



Original Color

21.8926, 26.8422, 54.4793

Protanomaly

23.9799, 26.1310, 50.7936

Deuteranomaly

24.4397, 26.2663, 55.4116

Tritanomaly

20.1106, 26.8392, 46.2400

Monochromacy



Original Color

21.8926, 26.8422, 54.4793

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

18.6692, 21.6530, 31.6292

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.8926, 26.8422, 54.4793 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(44, 152, 193)` looks like.

```
.text, #text, p{  
    color:rgb(44, 152, 193)  
}
```

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(44, 152, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 152, 193) }
```

Border

The CSS property to change the border of an element to XYZ 21.8926, 26.8422, 54.4793 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(44, 152, 193) }
```


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

```
.border{ border-color:rgb(44, 152, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 152, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 152, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 152, 193);  
box-shadow:4px 4px 4px 4px rgb(44, 152,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 21.8926, 26.8422, 54.4793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 152, 193) }
```

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

```
.background{ background-color: rgb(44, 152,  
193) }
```

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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