

Converting Colors

XYZ(21.7256, 26.8444, 38.5171)

Have a look what the booklet for
XYZ(21.7256, 26.8444, 38.5171)
contains.

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Color

**XYZ(21.7973, 26.9014,
38.6940)**

Conversions

Conversions Part 1

Format	Color
Hex	5997A3
RGB	89, 151, 163
RGB Percent	35%, 59%, 64%
CMY	0.6510, 0.4078, 0.3608
CMYK	0.45, 0.07, 0.00, 0.36
HSL	190°, 29%, 49%
HSV	190°, 45%, 64%
XYZ	21.7973, 26.9014, 38.6940
YIQ	133.8300, -40.8040, -9.4120

Conversions

Conversions Part 2

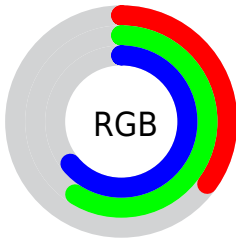
Format	Color
R_{YB}	89, 123, 163
Decimal	5871523
CIE _{Lab}	58.88, -16.72, -12.55
CIE _{LCh}	59, 20.911, 216.899
Yxy	26.9014, 0.2494, 0.3078
Android (android.graphics.Color)	4284061603 (0xFF5997A3)
YUV	133.8300, 14.3808, -39.3159
Hunter-Lab	51.8666, -15.7506, -7.9255

Details

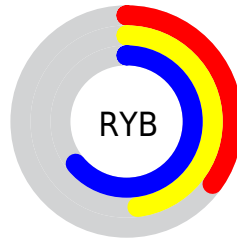
The XYZ color **21.7973, 26.9014, 38.6940** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.5617, 17.8157, 11.7543**, and the grayscale version is **22.5579, 23.7327, 25.8449**.

A 20% lighter version of the original color is **45.8139, 54.5642, 74.4470**, and **8.0536, 10.5854, 16.6576** is the 20% darker color. If you saturate the color by 10%, you get **19.9826, 25.3421, 38.4891**, and if you desaturate by 10%, it is **23.9696, 28.6604, 38.9195**.

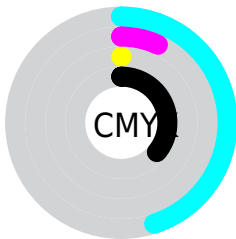
Distribution



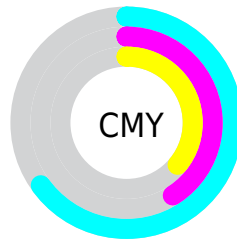
- Red (35%)
- Green (59%)
- Blue (64%)



- Red (35%)
- Yellow (48%)
- Blue (64%)



- Cyan (45%)
- Magenta (7%)
- Yellow (0%)
- Black (36%)



- Cyan (65%)
- Magenta (41%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.7973, 26.9014, 38.6940 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 21.7973, 26.9014, 38.6940 by changing the saturation by 10% instead.

■ 21.7973, 26.9014,
38.6940

■ 21.7973, 26.9014,
38.6940

254.1382,
287.1794, 355.9748

■ 13.8238, 17.4992,
26.2158

■ 45.8921, 54.7256,
74.3858

■ 8.0791, 10.5910,
16.7579

■ 62.7441, 73.9164,
98.4365

■ 4.1978, 5.7926,
9.9019

■ 83.2863, 97.1388,
127.1816

■ 1.8147, 2.7194,
5.2292

■ 107.8842,
124.7773, 161.0399

■ 0.5265, 0.9870,
2.3213

136.9029,
157.2162, 200.4299

■ 0.0000, 0.0000,
0.7431

170.7079,

■ 0.0000, 0.0000,

194.8399, 245.7699

0.0000

209.6646,
238.0328, 297.4787

■ 21.7973, 26.9014,
38.6940

■ 21.7973, 26.9014,
38.6940

■ 19.9826, 25.3421,
38.4891

■ 23.9696, 28.6604,
38.9195

■ 18.4997, 23.9673,
38.3019

■ 26.5179, 30.6270,
39.1648

■ 17.3235, 22.7646,
38.1318

■ 29.4626, 32.8122,
39.4314

■ 16.4241, 21.7184,
37.9773

■ 32.8217, 35.2255,
39.7201

■ 15.7629, 20.8088,
37.8365

■ 36.6121, 37.8756,
40.0319

■ 15.4957, 20.4139,
37.7744

■ 40.8498, 40.7709,
40.3674

■ 45.5498, 43.9192,
40.7274

■ 50.7266, 47.3281,
41.1125

■ 56.3940, 51.0048,
41.5235

Harmonies

Analogous

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



20.9460, 26.9014, 31.0341



21.7973, 26.9014, 38.6940



23.6684, 26.9014, 44.4290

Triad

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



21.7973, 26.9014, 38.6940



30.4177, 26.9014, 35.2373



24.9767, 26.9014, 17.3121

Complementary

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



21.7973, 26.9014, 38.6940



21.5617, 17.8157, 11.7543

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.



27.5687, 26.9014, 18.0535



21.7973, 26.9014, 38.6940



30.8265, 26.9014, 27.6145

Square

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



21.7973, 26.9014, 38.6940



28.6702, 26.9014, 42.2100



29.7524, 26.9014, 21.5500



22.6998, 26.9014, 19.3203

Rectangle

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



21.7973, 26.9014, 38.6940



25.3011, 26.9014, 45.9244



29.7524, 26.9014, 21.5500



25.8387, 26.9014, 17.2542

Sweetspot

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



21.7981, 26.9024, 38.6946



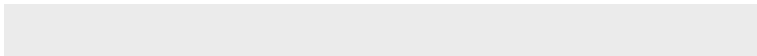
53.4108, 59.2340, 70.6744



19.5228, 29.2409, 16.6979



11.7339, 13.1126, 15.8501



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.



21.7981, 26.9024, 38.6946



35.9037, 45.4891, 68.9441



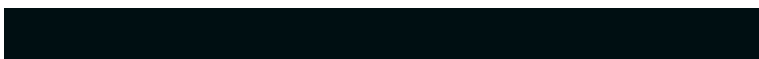
16.8507, 17.0077, 37.0455



7.1779, 7.8148, 9.0332



12.0707, 15.9207, 29.3666



0.2782, 0.3836, 0.6252

Inverse Universe

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



24.2633, 17.1664, 31.3139



40.9973, 26.4165, 53.4592



25.8679, 26.4283, 13.1897



7.3148, 7.1824, 8.6440



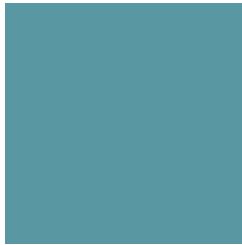
15.2382, 7.4513, 18.9767



0.3326, 0.1615, 0.4639

Previews

White Background



This preview shows how the XYZ color 21.7973, 26.9014, 38.6940 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 21.7973, 26.9014, 38.6940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

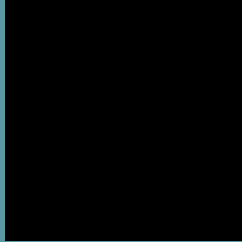
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.7973, 26.9014, 38.6940

Background



This preview shows how black text looks on a background with the XYZ color 21.7973, 26.9014, 38.6940.



This preview shows how white text looks on a background with the XYZ color 21.7973, 26.9014,

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

21.7973, 26.9014, 38.6940

Protanopia

26.0263, 26.6454, 35.2238

Deuteranopia

27.2991, 26.7698, 39.8047



Tritanopia

21.7973, 26.9014, 38.6940

Trichromacy



Original Color

21.7973, 26.9014, 38.6940

Protanomaly

24.1164, 26.5147, 36.6477

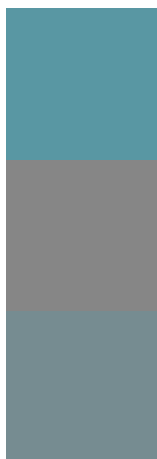
Deuteranomaly

24.7824, 26.5725, 39.4201

Tritanomaly

21.7973, 26.9014, 38.6940

Monochromacy



Original Color

21.7973, 26.9014, 38.6940

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

21.9601, 24.6521, 30.3890

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.7973, 26.9014, 38.6940 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(89, 151, 163)` looks like.

```
.text, #text, p{  
    color:rgb(89, 151, 163)  
}
```

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(89, 151, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 151, 163) }
```

Border

The CSS property to change the border of an element to XYZ 21.7973, 26.9014, 38.6940 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(89, 151, 163) }
```


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

```
.border{ border-color:rgb(89, 151, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 151, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 151, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 151, 163);  
box-shadow:4px 4px 4px 4px rgb(89, 151,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 21.7973, 26.9014, 38.6940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 151, 163) }
```

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

```
.background{ background-color: rgb(89, 151,  
163) }
```

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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