

Converting Colors

XYZ(22.1973, 26.3710, 39.3455)

Have a look what the booklet for
XYZ(22.1973, 26.3710, 39.3455)
contains.

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Color

**XYZ(22.2053, 26.3832,
39.5194)**

Conversions

Conversions Part 1

Format	Color
Hex	6094A5
RGB	96, 148, 165
RGB Percent	38%, 58%, 65%
CMY	0.6235, 0.4196, 0.3529
CMYK	0.42, 0.10, 0.00, 0.35
HSL	195°, 28%, 51%
HSV	195°, 42%, 65%
XYZ	22.2053, 26.3832, 39.5194
YIQ	134.3900, -36.4490, -5.7370

Conversions

Conversions Part 2

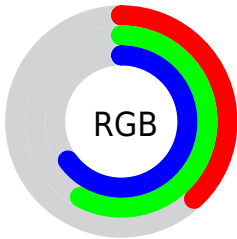
Format	Color
R_{YB}	96, 126, 165
Decimal	6329509
CIE _{Lab}	58.40, -12.74, -14.39
CIE _{LCh}	58, 19.218, 228.483
Yxy	26.3832, 0.2520, 0.2994
Android (android.graphics.Color)	4284519589 (0xFF6094A5)
YUV	134.3900, 15.0907, -33.6680
Hunter-Lab	51.3646, -12.7211, -9.6619

Details

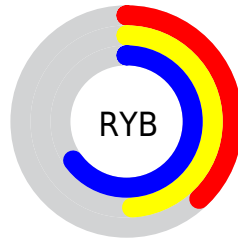
The XYZ color **22.2053, 26.3832, 39.5194** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.5340, 20.6546, 13.8134**, and the grayscale version is **22.7599, 23.9452, 26.0764**.

A 20% lighter version of the original color is **46.6165, 53.8924, 75.6555**, and **8.2516, 10.2552, 17.1673** is the 20% darker color. If you saturate the color by 10%, you get **20.0219, 24.3282, 39.2383**, and if you desaturate by 10%, it is **24.7771, 28.6729, 39.8263**.

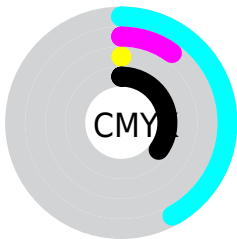
Distribution



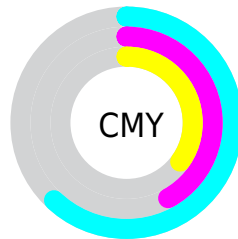
- Red (38%)
- Green (58%)
- Blue (65%)



- Red (38%)
- Yellow (49%)
- Blue (65%)



- Cyan (42%)
- Magenta (10%)
- Yellow (0%)
- Black (35%)



- Cyan (62%)
- Magenta (42%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.2053, 26.3832, 39.5194 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 22.2053, 26.3832, 39.5194 by changing the saturation by 10% instead.

■ 22.2053, 26.3832,
39.5194

■ 22.2053, 26.3832,
39.5194

256.2288,
284.6581, 359.5854

■ 14.1253, 17.1105,
26.8531

■ 46.5614, 53.8925,
75.6602

■ 8.2901, 10.3133,
17.2315

■ 63.5682, 72.8979,
99.9717

■ 4.3345, 5.6072,
10.2360

■ 84.2813, 95.9164,
129.0021

■ 1.8931, 2.6077,
5.4480

■ 109.0661,
123.3323, 163.1699

■ 0.5728, 0.9306,
2.4492

138.2878,
155.5300, 202.8935

■ 0.0000, 0.0000,
0.8130

172.3120,

■ 0.0000, 0.0000,

192.8940, 248.5917

0.0000

211.5038,
235.8086, 300.6828

■ 22.2053, 26.3832,
39.5194

■ 22.2053, 26.3832,
39.5194

■ 20.0219, 24.3282,
39.2383

■ 24.7771, 28.6729,
39.8263

■ 18.2012, 22.4925,
38.9799

■ 27.7561, 31.2055,
40.1581

■ 16.7182, 20.8634,
38.7436

■ 31.1626, 33.9924,
40.5165

■ 15.5435, 19.4255,
38.5280

■ 35.0151, 37.0434,
40.9023

■ 14.6423, 18.1605,
38.3313

■ 39.3306, 40.3676,
41.3165

■ 14.0434, 17.2201,
38.1814

■ 44.1256, 43.9739,
41.7599

■ 49.4153, 47.8704,
42.2332

■ 55.2147, 52.0651,
42.7372

■ 61.5377, 56.5655,
43.2726

Harmonies

Analogous

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



21.0391, 26.3832, 33.0176



22.2053, 26.3832, 39.5194



24.1871, 26.3832, 43.3264

Triad

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



22.2053, 26.3832, 39.5194



29.7584, 26.3832, 31.3825



23.6742, 26.3832, 18.1390

Complementary

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



22.2053, 26.3832, 39.5194



23.5340, 20.6546, 13.8134

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.



25.9874, 26.3832, 17.8418



22.2053, 26.3832, 39.5194



29.5998, 26.3832, 24.8249

Square

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



22.2053, 26.3832, 39.5194



28.6058, 26.3832, 38.1630



28.1850, 26.3832, 20.1032



21.8500, 26.3832, 20.9904

Rectangle

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



22.2053, 26.3832, 39.5194



25.7474, 26.3832, 43.4827



28.1850, 26.3832, 20.1032



24.4172, 26.3832, 17.7555

Sweetspot

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



22.2061, 26.3842, 39.5200



54.8942, 60.1393, 72.4671



21.2098, 30.5697, 20.1419



11.7102, 12.9118, 15.8126



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.



22.2061, 26.3842, 39.5200



36.1823, 43.8846, 70.3159



17.6786, 17.3293, 38.0109



7.1276, 7.7143, 9.0164



10.6645, 13.1083, 28.8979



0.2577, 0.3427, 0.6184

Inverse Universe

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



25.0459, 18.5039, 30.2696



42.1152, 28.4854, 50.7508



28.0006, 29.5877, 15.3023



7.2894, 7.1722, 8.5104



14.5284, 7.1674, 15.2390



0.3223, 0.1574, 0.4096

Previews

White Background



This preview shows how the XYZ color 22.2053, 26.3832, 39.5194 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 22.2053, 26.3832, 39.5194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

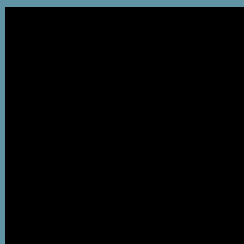
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.2053, 26.3832, 39.5194

Background



This preview shows how black text looks on a background with the XYZ color 22.2053, 26.3832, 39.5194.



This preview shows how white text looks on a background with the XYZ color 22.2053, 26.3832,

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

22.2053, 26.3832, 39.5194

Protanopia

25.8072, 26.2868, 36.5146

Deuteranopia

26.7359, 26.2568, 40.2181



Tritanopia

21.8998, 26.5010, 37.6792

Trichromacy



Original Color

22.2053, 26.3832, 39.5194

Protanomaly

24.1321, 26.0568, 37.4758

Deuteranomaly

24.7200, 26.0880, 39.8090

Tritanomaly

21.9883, 26.5364, 38.1456

Monochromacy



Original Color

22.2053, 26.3832, 39.5194

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.0892, 24.5026, 30.3533

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.2053, 26.3832, 39.5194 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(96, 148, 165) looks like.

```
.text, #text, p{  
    color:rgb(96, 148, 165)  
}
```

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(96, 148, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 148, 165) }
```

Border

The CSS property to change the border of an element to XYZ 22.2053, 26.3832, 39.5194 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(96, 148, 165) }
```


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

```
.border{ border-color:rgb(96, 148, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 148, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 148, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 148, 165);  
box-shadow:4px 4px 4px 4px rgb(96, 148,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 22.2053, 26.3832, 39.5194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 148, 165) }
```

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

```
.background{ background-color: rgb(96, 148,  
165) }
```

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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