

Converting Colors

XYZ(22.1702, 29.0494, 40.0359)

Have a look what the booklet for
XYZ(22.1702, 29.0494, 40.0359)
contains.

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Color

**XYZ(22.1702, 29.0494,
40.0359)**

Conversions

Conversions Part 1

Format	Color
Hex	4C9FA5
RGB	76, 159, 165
RGB Percent	30%, 62%, 65%
CMY	0.7019, 0.3765, 0.3529
CMYK	0.54, 0.04, 0.00, 0.35
HSL	184°, 37%, 47%
HSV	184°, 54%, 65%
XYZ	22.1702, 29.0494, 40.0359
YIQ	134.8670, -51.3940, -15.7300

Conversions

Conversions Part 2

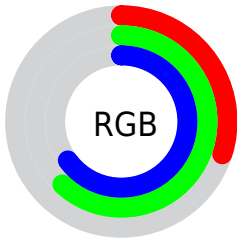
Format	Color
RYB	76, 119, 165
Decimal	5021605
CIELab	60.83, -23.36, -10.83
CIELCh	61, 25.745, 204.865
Yxy	29.0494, 0.2429, 0.3183
Android (android.graphics.Color)	4283211685 (0xFF4C9FA5)
YUV	134.8670, 14.8556, -51.6264
Hunter-Lab	53.8975, -20.8964, -6.3133

Details

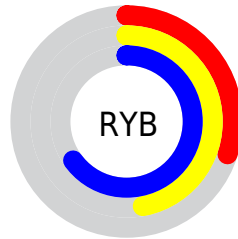
The XYZ color **22.1702, 29.0494, 40.0359** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **19.8395, 14.5564, 8.6024**, and the grayscale version is **22.9411, 24.1358, 26.2839**.

A 20% lighter version of the original color is **46.4806, 58.1660, 76.4875**, and **8.2383, 11.7076, 17.4484** is the 20% darker color. If you saturate the color by 10%, you get **20.8335, 28.0783, 39.9194**, and if you desaturate by 10%, it is **23.8466, 30.1995, 40.1700**.

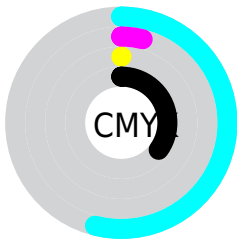
Distribution



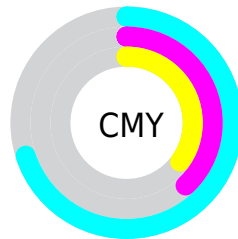
- Red (30%)
- Green (62%)
- Blue (65%)



- Red (30%)
- Yellow (47%)
- Blue (65%)



- Cyan (54%)
- Magenta (4%)
- Yellow (0%)
- Black (35%)



- Cyan (70%)
- Magenta (38%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.1702, 29.0494, 40.0359 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 22.1702, 29.0494, 40.0359 by changing the saturation by 10% instead.

■ 22.1702, 29.0494,
40.0359

■ 22.1702, 29.0494,
40.0359

■ 256.0495,
297.4480, 361.8315

■ 14.0993, 19.1182,
27.2525

■ 46.5039, 58.1556,
76.4559

■ 8.2719, 11.7557,
17.5289

■ 63.4974, 78.0993,
100.9295

■ 4.3227, 6.5776,
10.4463

■ 84.1959, 102.1494,
130.1371

■ 1.8863, 3.1993,
5.5864

■ 108.9646,
130.6901, 164.4970

■ 0.5688, 1.2367,
2.5306

■ 138.1690,
164.1059, 204.4279

■ 0.0000, 0.0914,
0.8563

172.1744,

■ 0.0000, 0.0000,

202.7813, 250.3482

0.0000

211.3461,
247.1005, 302.6766

■ 22.1702, 29.0494,
40.0359

■ 22.1702, 29.0494,
40.0359

■ 20.8335, 28.0783,
39.9194

■ 23.8466, 30.1995,
40.1700

■ 19.8076, 27.2693,
39.8174

■ 25.8835, 31.5373,
40.3209

■ 19.0632, 26.6080,
39.7289

■ 28.3031, 33.0750,
40.4902

■ 18.5641, 26.0757,
39.6525

■ 31.1253, 34.8228,
40.6788

■ 18.3274, 25.7882,
39.6095

■ 34.3683, 36.7901,
40.8876

■ 38.0493, 38.9858,
41.1174

■ 42.1847, 41.4183,
41.3690

■ 46.7898, 44.0956,
41.6430

■ 51.8793, 47.0252,
41.9403

Harmonies

Analogous

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



21.6805, 29.0494, 30.0077



22.1702, 29.0494, 40.0359



24.0678, 29.0494, 49.2370

Triad

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



22.1702, 29.0494, 40.0359



33.2190, 29.0494, 43.4755



28.1910, 29.0494, 16.5873

Complementary

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



22.1702, 29.0494, 40.0359



19.8395, 14.5564, 8.6024

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.



31.4850, 29.0494, 18.8175



22.1702, 29.0494, 40.0359



34.5340, 29.0494, 33.3094

Square

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



22.1702, 29.0494, 40.0359



30.4079, 29.0494, 51.4877



33.8753, 29.0494, 24.4914



24.9903, 29.0494, 17.6738

Rectangle

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



22.1702, 29.0494, 40.0359



25.9631, 29.0494, 52.9824



33.8753, 29.0494, 24.4914



29.3263, 29.0494, 16.9579

Sweetspot

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



22.1711, 29.0505, 40.0366



54.4848, 61.5919, 72.7691



17.9568, 29.0556, 12.6321



11.6925, 13.3301, 15.8942



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.



22.1711, 29.0505, 40.0366



36.8497, 49.9344, 71.4485



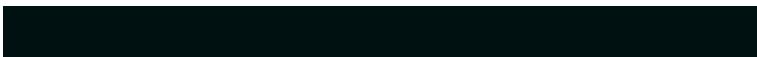
15.8543, 16.4169, 37.9310



7.2351, 7.9291, 9.0522



13.8792, 19.5379, 29.9695



0.3030, 0.4332, 0.6335

Inverse Universe

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



24.3603, 15.6723, 34.5432



41.3012, 23.7532, 60.0490



24.3387, 23.5548, 10.1021



7.3436, 7.1939, 8.7959



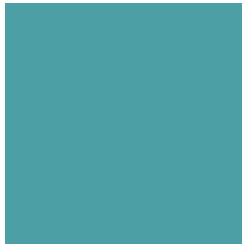
16.1511, 7.8165, 23.7839



0.3451, 0.1665, 0.5299

Previews

White Background



This preview shows how the XYZ color 22.1702, 29.0494, 40.0359 looks on a white background.

Color Contrast Check

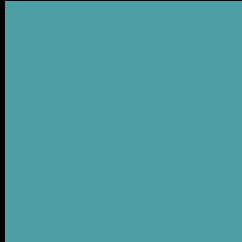
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.1702, 29.0494, 40.0359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

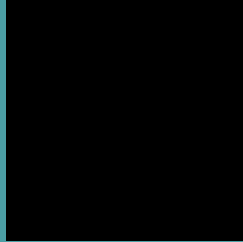
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.1702, 29.0494, 40.0359

Background



This preview shows how black text looks on a background with the XYZ color 22.1702, 29.0494, 40.0359.

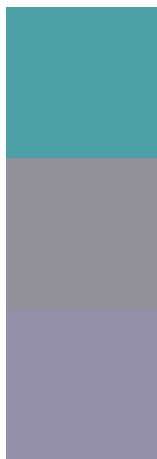


This preview shows how white text looks on a background with the XYZ color 22.1702, 29.0494,

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

22.1702, 29.0494, 40.0359

Protanopia

27.8032, 28.6708, 35.5211

Deuteranopia

29.2289, 28.6001, 41.5160



Tritanopia

22.7194, 29.0137, 42.9308

Trichromacy



Original Color

22.1702, 29.0494, 40.0359

Protanomaly

24.9101, 28.3090, 36.9522

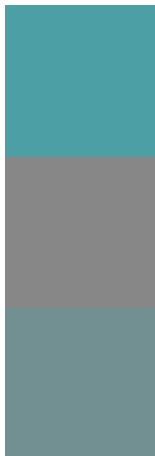
Deuteranomaly

25.6838, 28.1445, 41.1245

Tritanomaly

22.4489, 28.8961, 41.9304

Monochromacy



Original Color

22.1702, 29.0494, 40.0359

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.1010, 25.5992, 30.9704

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.1702, 29.0494, 40.0359 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(76, 159, 165)` looks like.

```
.text, #text, p{  
    color:rgb(76, 159, 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(76, 159, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 159, 165) }
```

Border

The CSS property to change the border of an element to XYZ 22.1702, 29.0494, 40.0359 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(76, 159, 165) }
```


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

```
.border{ border-color:rgb(76, 159, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 159, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 159, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 159, 165);  
box-shadow:4px 4px 4px 4px rgb(76, 159,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 22.1702, 29.0494, 40.0359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 159, 165) }
```

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

```
.background{ background-color: rgb(76, 159,  
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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