

Converting Colors

XYZ(14.4191, 19.7096, 26.9758)

Have a look what the booklet for
XYZ(14.4191, 19.7096, 26.9758)
contains.

XYZ(14.4703, 19.7913, 27.1022)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.4703, 19.7913,
27.1022)**

Conversions

Conversions Part 1

Format	Color
Hex	30878A
RGB	48, 135, 138
RGB Percent	19%, 53%, 54%
CMY	0.8118, 0.4706, 0.4588
CMYK	0.65, 0.02, 0.00, 0.46
HSL	182°, 48%, 36%
HSV	182°, 65%, 54%
XYZ	14.4703, 19.7913, 27.1022
YIQ	109.3290, -52.8150, -17.5110

Conversions

Conversions Part 2

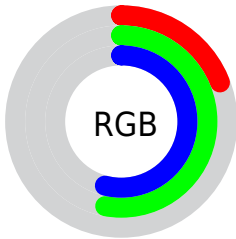
Format	Color
RYB	48, 92, 138
Decimal	3180426
CIELab	51.60, -24.40, -9.26
CIELCh	52, 26.095, 200.776
Yxy	19.7913, 0.2358, 0.3225
Android (android.graphics.Color)	4281370506 (0xFF30878A)
YUV	109.3290, 14.1348, -53.7855
Hunter-Lab	44.4874, -19.7928, -4.9789

Details

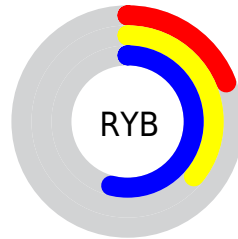
The XYZ color **14.4703, 19.7913, 27.1022** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **12.1989, 7.9847, 3.6949**, and the grayscale version is **14.6017, 15.3621, 16.7293**.

A 20% lighter version of the original color is **33.5454, 43.2210, 55.8647**, and **5.0100, 7.2016, 10.3585** is the 20% darker color. If you saturate the color by 10%, you get **13.8542, 19.3791, 27.0555**, and if you desaturate by 10%, it is **15.2904, 20.3100, 27.1594**.

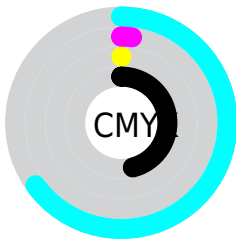
Distribution



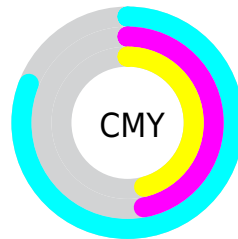
- Red (19%)
- Green (53%)
- Blue (54%)



- Red (19%)
- Yellow (36%)
- Blue (54%)



- Cyan (65%)
- Magenta (2%)
- Yellow (0%)
- Black (46%)



- Cyan (81%)
- Magenta (47%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4703, 19.7913, 27.1022 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 14.4703, 19.7913, 27.1022 by changing the saturation by 10% instead.

■ 14.4703, 19.7913,
27.1022

■ 14.4703, 19.7913,
27.1022

■ 213.5898,
250.7831, 301.9274

■ 8.5324, 12.2434,
17.4169

■ 33.5005, 43.0670,
56.0536

■ 4.4921, 6.9097,
10.3671

■ 47.3236, 59.5636,
76.1567

■ 1.9841, 3.4057,
5.5342

■ 64.5057, 79.8120,
100.5694

■ 0.6250, 1.3470,
2.4998

■ 85.4122, 104.1964,
129.7104

■ 0.0000, 0.1772,
0.8401

■ 110.4086,
133.1013, 163.9982

■ 0.0000, 0.0000,
0.0000

■ 139.8600,

166.9112, 203.8513

174.1320,
206.0103, 249.6882

■ 14.4703, 19.7913,
27.1022

■ 14.4703, 19.7913,
27.1022

■ 13.8542, 19.3791,
27.0555

■ 15.2904, 20.3100,
27.1594

■ 13.4208, 19.0610,
27.0169

■ 16.3298, 20.9417,
27.2266

■ 13.1432, 18.8237,
26.9857

■ 17.6042, 21.6949,
27.3048

■ 13.0303, 18.7206,
26.9718

■ 19.1276, 22.5770,
27.3948

■ 20.9128, 23.5943,
27.4971

■ 22.9716, 24.7532,
27.6122

■ 25.3152, 26.0593,
27.7408

■ 27.9542, 27.5181,
27.8833

■ 30.8987, 29.1348,
28.0402

Harmonies

Analogous

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



14.2504, 19.7913, 19.3115



14.4703, 19.7913, 27.1022



15.7927, 19.7913, 34.8196

Triad

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



14.4703, 19.7913, 27.1022



23.0042, 19.7913, 32.0592



19.6328, 19.7913, 10.1871

Complementary

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



14.4703, 19.7913, 27.1022



12.1989, 7.9847, 3.6949

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.



22.1914, 19.7913, 12.1688



14.4703, 19.7913, 27.1022



24.2537, 19.7913, 23.9538

Square

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



14.4703, 19.7913, 27.1022



20.6613, 19.7913, 38.1131



23.9431, 19.7913, 16.8120



17.0746, 19.7913, 10.6515

Rectangle

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



14.4703, 19.7913, 27.1022



17.1955, 19.7913, 38.3096



23.9431, 19.7913, 16.8120



20.5247, 19.7913, 10.5679

Sweetspot

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



14.4709, 19.7920, 27.1027



35.1628, 40.6234, 48.3710



10.8728, 19.0317, 6.0622



7.7197, 9.0161, 10.8397



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



14.4709, 19.7920, 27.1027



24.0423, 33.8895, 47.6573



9.5908, 10.0318, 25.4760



5.1588, 5.6605, 6.4265



11.9489, 17.1682, 24.7297



0.0815, 0.1182, 0.1650

Inverse Universe

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



15.9118, 9.2669, 23.8725



26.8359, 14.0436, 41.2696



15.0625, 13.7118, 4.6495



5.2268, 5.1261, 6.2826



13.5181, 6.5174, 21.0303



0.0908, 0.0437, 0.1452

Previews

White Background



This preview shows how the XYZ color 14.4703, 19.7913, 27.1022 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 14.4703, 19.7913, 27.1022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

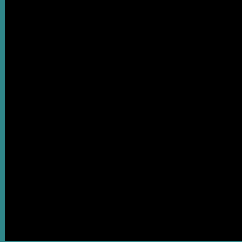
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.4703, 19.7913, 27.1022

Background



This preview shows how black text looks on a background with the XYZ color 14.4703, 19.7913, 27.1022.



This preview shows how white text looks on a background with the XYZ color 14.4703, 19.7913,

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

14.4703, 19.7913, 27.1022

Protanopia

19.0148, 19.6683, 23.9133

Deuteranopia

19.8620, 19.4767, 27.9118



Tritanopia

15.0012, 19.7983, 29.8189

Trichromacy



Original Color

14.4703, 19.7913, 27.1022

Protanomaly

16.5423, 19.3051, 25.0447

Deuteranomaly

16.9970, 19.1021, 27.6022

Tritanomaly

14.7230, 19.6813, 28.6141

Monochromacy



Original Color

14.4703, 19.7913, 27.1022

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

13.7991, 16.3392, 20.1958

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4703, 19.7913, 27.1022 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(48, 135, 138)` looks like.

```
.text, #text, p{  
    color:rgb(48, 135, 138)  
}
```

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(48, 135, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 135, 138) }
```

Border

The CSS property to change the border of an element to XYZ 14.4703, 19.7913, 27.1022 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(48, 135, 138) }
```


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

```
.border{ border-color:rgb(48, 135, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 135, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 135, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 135, 138);  
box-shadow:4px 4px 4px 4px rgb(48, 135,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4703, 19.7913, 27.1022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 135, 138) }
```

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

```
.background{ background-color: rgb(48, 135,  
138) }
```

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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