

Converting Colors

XYZ(14.1029, 19.7931, 27.8881)

Have a look what the booklet for
XYZ(14.1029, 19.7931, 27.8881)
contains.

XYZ(14.1029, 19.7931, 27.8881)	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(14.1029, 19.7931,
27.8881)**

Conversions

Conversions Part 1

Format	Color
Hex	1F888C
RGB	31, 136, 140
RGB Percent	12%, 53%, 55%
CMY	0.8784, 0.4667, 0.4510
CMYK	0.78, 0.03, 0.00, 0.45
HSL	182°, 64%, 34%
HSV	182°, 78%, 55%
XYZ	14.1029, 19.7931, 27.8881
YIQ	105.0610, -63.8640, -21.0160

Conversions

Conversions Part 2

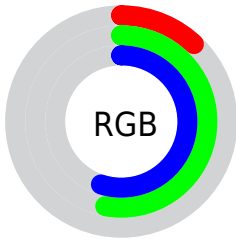
Format	Color
R_{YB}	31, 84, 140
Decimal	2066572
CIE _{Lab}	51.60, -26.69, -10.46
CIE _{LCh}	52, 28.662, 201.398
Yxy	19.7931, 0.2283, 0.3204
Android (android.graphics.Color)	4280256652 (0xFF1F888C)
YUV	105.0610, 17.2249, -64.9515
Hunter-Lab	44.4894, -21.2730, -6.0232

Details

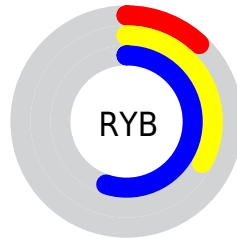
The XYZ color **14.1029, 19.7931, 27.8881** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **11.6641, 6.8771, 2.0096**, and the grayscale version is **13.4120, 14.1104, 15.3663**.

A 20% lighter version of the original color is **32.9749, 43.2087, 57.6411**, and **5.1733, 7.3938, 10.8273** is the 20% darker color. If you saturate the color by 10%, you get **13.6973, 19.4773, 27.8489**, and if you desaturate by 10%, it is **14.6933, 20.2055, 27.9370**.

Distribution



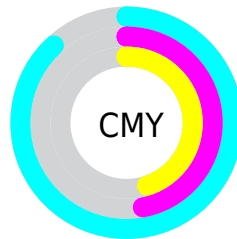
- Red (12%)
- Green (53%)
- Blue (55%)



- Red (12%)
- Yellow (33%)
- Blue (55%)



- Cyan (78%)
- Magenta (3%)
- Yellow (0%)
- Black (45%)



- Cyan (88%)
- Magenta (47%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1029, 19.7931, 27.8881 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 14.1029, 19.7931, 27.8881 by changing the saturation by 10% instead.

■ 14.1029, 19.7931,
27.8881

■ 14.1029, 19.7931,
27.8881

■ 211.3679,
250.7928, 305.8269

■ 8.2745, 12.2447,
18.0030

■ 32.8562, 43.0700,
57.3267

■ 4.3243, 6.9106,
10.7827

■ 46.5118, 59.5674,
77.7173

■ 1.8872, 3.4062,
5.8086

■ 63.5072, 79.8165,
102.4468

■ 0.5694, 1.3473,
2.6621

■ 84.2077, 104.2018,
131.9337

■ 0.0000, 0.1774,
0.9243

■ 108.9786,
133.1077, 166.5967

■ 0.0000, 0.0000,
0.0000

■ 138.1854,

166.9186, 206.8542

172.1934,
206.0188, 253.1247

■ 14.1029, 19.7931,
27.8881

■ 14.1029, 19.7931,
27.8881

■ 13.6973, 19.4773,
27.8489

■ 14.6933, 20.2055,
27.9370

■ 13.4318, 19.2338,
27.8159

■ 15.4877, 20.7233,
27.9950

■ 13.3788, 19.1836,
27.8090

■ 16.5051, 21.3564,
28.0636

■ 17.7617, 22.1134,
28.1435

■ 19.2722, 23.0018,
28.2354

■ 21.0500, 24.0286,
28.3398

■ 23.1079, 25.2002,
28.4575

■ 25.4575, 26.5228,
28.5890

■ 28.1100, 28.0020,
28.7347

Harmonies

Analogous

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



13.8403, 19.7931, 19.2598



14.1029, 19.7931, 27.8881



15.5574, 19.7931, 36.5172

Triad

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



14.1029, 19.7931, 27.8881



23.4933, 19.7931, 33.0704



19.6553, 19.7931, 9.3436

Complementary

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



14.1029, 19.7931, 27.8881



11.6641, 6.8771, 2.0096

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.



22.4932, 19.7931, 11.3611



14.1029, 19.7931, 27.8881



24.8529, 19.7931, 24.0177

Square

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



14.1029, 19.7931, 27.8881



20.9118, 19.7931, 40.0022



24.4693, 19.7931, 16.2554



16.8591, 19.7931, 9.8789

Rectangle

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



14.1029, 19.7931, 27.8881



17.0969, 19.7931, 40.4044



24.4693, 19.7931, 16.2554



20.6397, 19.7931, 9.7220

Sweetspot

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



14.1035, 19.7938, 27.8886



35.2864, 41.3124, 49.8573



10.2417, 19.1671, 4.7223



7.9051, 9.3885, 11.4750



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



14.1035, 19.7938, 27.8886



23.8120, 34.0316, 49.0567



8.3067, 8.2003, 25.9563



5.1574, 5.6577, 6.4261



11.8907, 17.0517, 24.7103



0.0813, 0.1178, 0.1649

Inverse Universe

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



15.7497, 8.3336, 24.0718



26.9329, 13.1995, 41.6199



14.6467, 12.8423, 3.0038



5.2261, 5.1259, 6.2789



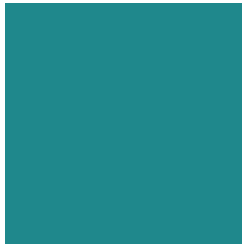
13.4887, 6.5056, 20.8755



0.0908, 0.0437, 0.1447

Previews

White Background



This preview shows how the XYZ color 14.1029, 19.7931, 27.8881 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 14.1029, 19.7931, 27.8881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

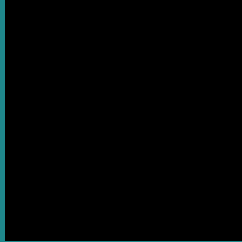
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.1029, 19.7931, 27.8881

Background



This preview shows how black text looks on a background with the XYZ color 14.1029, 19.7931, 27.8881.



This preview shows how white text looks on a background with the XYZ color 14.1029, 19.7931,

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

14.1029, 19.7931, 27.8881

Protanopia

18.9601, 19.4510, 24.2278

Deuteranopia

19.9430, 19.4924, 29.0968



Tritanopia

14.5798, 19.7783, 30.2433

Trichromacy



Original Color

14.1029, 19.7931, 27.8881

Protanomaly

15.8838, 18.7668, 25.3394

Deuteranomaly

16.5080, 18.8241, 28.7499

Tritanomaly

14.3577, 19.6816, 29.4278

Monochromacy



Original Color

14.1029, 19.7931, 27.8881

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

12.6573, 15.4185, 19.4485

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1029, 19.7931, 27.8881 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(31, 136, 140)` looks like.

```
.text, #text, p{  
    color:rgb(31, 136, 140)  
}
```

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(31, 136, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 136, 140) }
```

Border

The CSS property to change the border of an element to XYZ 14.1029, 19.7931, 27.8881 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(31, 136, 140) }
```


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

```
.border{ border-color:rgb(31, 136, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 136, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 136, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 136, 140);  
box-shadow:4px 4px 4px 4px rgb(31, 136,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1029, 19.7931, 27.8881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 136, 140) }
```

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

```
.background{ background-color: rgb(31, 136,  
140) }
```

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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