

Converting Colors

XYZ(14.1202, 19.8287, 28.3023)

Have a look what the booklet for
XYZ(14.1202, 19.8287, 28.3023)
contains.

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Color

**XYZ(14.0908, 19.7783,
28.2742)**

Conversions

Conversions Part 1

Format	Color
Hex	1C888D
RGB	28, 136, 141
RGB Percent	11%, 53%, 55%
CMY	0.8902, 0.4667, 0.4471
CMYK	0.80, 0.04, 0.00, 0.45
HSL	183°, 67%, 33%
HSV	183°, 80%, 55%
XYZ	14.0908, 19.7783, 28.2742
YIQ	104.2780, -65.9730, -21.3410

Conversions

Conversions Part 2

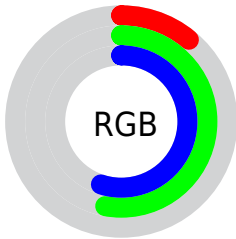
Format	Color
R_{YB}	28, 83, 141
Decimal	1869965
CIE _{Lab}	51.59, -26.69, -11.07
CIE _{LCh}	52, 28.894, 202.527
Yxy	19.7783, 0.2267, 0.3183
Android (android.graphics.Color)	4280060045 (0xFF1C888D)
YUV	104.2780, 18.1039, -66.8958
Hunter-Lab	44.4728, -21.2713, -6.5635




Details

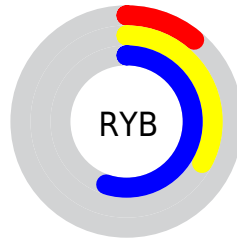
The XYZ color **14.0908, 19.7783, 28.2742** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **11.7385, 6.8349, 1.7999**, and the grayscale version is **13.1993, 13.8867, 15.1226**.




A 20% lighter version of the original color is **32.9831, 43.1999, 58.2298**, and **5.2161, 7.4109, 11.0531** is the 20% darker color. If you saturate the color by 10%, you get **13.7043, 19.4494, 28.2315**, and if you desaturate by 10%, it is **14.6597, 20.2028, 28.3265**.

Distribution







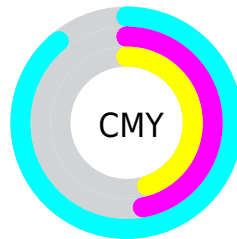
-  Red (11%)
-  Green (53%)
-  Blue (55%)






-  Red (11%)
-  Yellow (33%)
-  Blue (55%)



-  Cyan (80%)
-  Magenta (4%)
-  Yellow (0%)
-  Black (45%)



-  Cyan (89%)
-  Magenta (47%)
-  Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0908, 19.7783, 28.2742 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 14.0908, 19.7783, 28.2742 by changing the saturation by 10% instead.

■ 14.0908, 19.7783,
28.2742

■ 14.0908, 19.7783,
28.2742

■ 211.2943,
250.7124, 307.7279

■ 8.2660, 12.2340,
18.2916

■ 32.8350, 43.0452,
57.9503

■ 4.3188, 6.9032,
10.9880

■ 46.4850, 59.5365,
78.4809

■ 1.8840, 3.4017,
5.9447

■ 63.4742, 79.7790,
103.3645

■ 0.5675, 1.3449,
2.7432

■ 84.1678, 104.1571,
133.0198

■ 0.0000, 0.1755,
0.9651

■ 108.9313,
133.0550, 167.8652

■ 0.0000, 0.0000,
0.0000

■ 138.1300,

166.8573, 208.3194

172.1292,
205.9483, 254.8007

■ 14.0908, 19.7783,
28.2742

■ 14.0908, 19.7783,
28.2742

■ 13.7043, 19.4494,
28.2315

■ 14.6597, 20.2028,
28.3265

■ 13.4387, 19.1849,
28.1944

■ 15.4317, 20.7323,
28.3880

■ 16.4264, 21.3775,
28.4601

■ 17.6608, 22.1469,
28.5436

■ 19.1503, 23.0486,
28.6391

■ 20.9087, 24.0898,
28.7474

■ 22.9493, 25.2771,
28.8690

■ 25.2840, 26.6168,
29.0046

■ 27.9244, 28.1149,
29.1546

Harmonies

Analogous

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



13.7801, 19.7783, 19.5182



14.0908, 19.7783, 28.2742



15.5968, 19.7783, 36.9152

Triad

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



14.0908, 19.7783, 28.2742



23.5966, 19.7783, 32.8255



19.5356, 19.7783, 9.2367

Complementary

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



14.0908, 19.7783, 28.2742



11.7385, 6.8349, 1.7999

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.



22.4112, 19.7783, 11.1592



14.0908, 19.7783, 28.2742



24.9081, 19.7783, 23.6866

Square

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



14.0908, 19.7783, 28.2742



21.0242, 19.7783, 39.9804



24.4533, 19.7783, 15.9623



16.7361, 19.7783, 9.8683

Rectangle

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



14.0908, 19.7783, 28.2742



17.1687, 19.7783, 40.7147



24.4533, 19.7783, 15.9623



20.5287, 19.7783, 9.5839

Sweetspot

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



14.0914, 19.7790, 28.2747



36.0035, 42.2921, 51.3935



10.2619, 19.4001, 4.5544



7.8237, 9.3169, 11.4654



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.



14.0914, 19.7790, 28.2747



24.1884, 34.4645, 50.5053



8.2101, 8.0163, 26.3142



5.5401, 6.0760, 6.9096



12.2565, 17.4991, 25.7087



0.1213, 0.1755, 0.2472

Inverse Universe

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



15.8442, 8.2714, 24.0548



27.5681, 13.4272, 42.1105



14.7065, 12.7709, 2.7892



5.6161, 5.5070, 6.7424



13.9896, 6.7529, 21.3946



0.1358, 0.0654, 0.2154

Previews

White Background



This preview shows how the XYZ color 14.0908, 19.7783, 28.2742 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 14.0908, 19.7783, 28.2742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

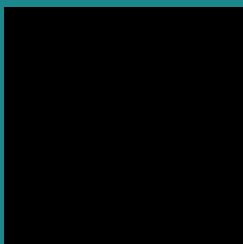
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

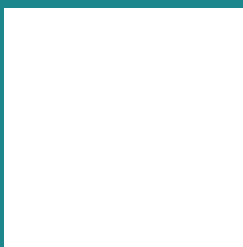
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.0908, 19.7783, 28.2742

Background



This preview shows how black text looks on a background with the XYZ color 14.0908, 19.7783, 28.2742.

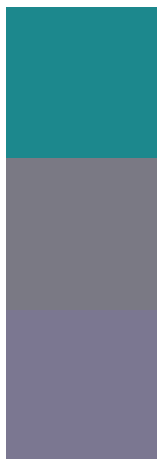


This preview shows how white text looks on a background with the XYZ color 14.0908, 19.7783,

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

14.0908, 19.7783, 28.2742

Protanopia

19.0283, 19.4783, 24.5866

Deuteranopia

19.8760, 19.4489, 29.4945



Tritanopia

14.4795, 19.7266, 30.2386

Trichromacy



Original Color

14.0908, 19.7783, 28.2742

Protanomaly

15.8585, 18.7457, 25.7041

Deuteranomaly

16.3922, 18.7556, 29.1418

Tritanomaly

14.2631, 19.6329, 29.4233

Monochromacy



Original Color

14.0908, 19.7783, 28.2742

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

12.4368, 15.3116, 19.1296

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0908, 19.7783, 28.2742 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(28, 136, 141)` looks like.

```
.text, #text, p{  
    color:rgb(28, 136, 141)  
}
```

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(28, 136, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 136, 141) }
```

Border

The CSS property to change the border of an element to XYZ 14.0908, 19.7783, 28.2742 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(28, 136, 141) }
```


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

```
.border{ border-color:rgb(28, 136, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 136, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 136, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 136, 141);  
box-shadow:4px 4px 4px 4px rgb(28, 136,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0908, 19.7783, 28.2742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 136, 141) }
```

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

```
.background{ background-color: rgb(28, 136,  
141) }
```

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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