

Converting Colors

XYZ(14.4497, 21.0417, 27.9257)

Have a look what the booklet for
XYZ(14.4497, 21.0417, 27.9257)
contains.

XYZ(14.4897, 21.0624, 28.1127)	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(14.4897, 21.0624,
28.1127)**

Conversions

Conversions Part 1

Format	Color
Hex	118D8C
RGB	17, 141, 140
RGB Percent	7%, 55%, 55%
CMY	0.9333, 0.4471, 0.4510
CMYK	0.88, 0.00, 0.01, 0.45
HSL	180°, 78%, 31%
HSV	180°, 88%, 55%
XYZ	14.4897, 21.0624, 28.1127
YIQ	103.8100, -73.5830, -26.5990

Conversions

Conversions Part 2

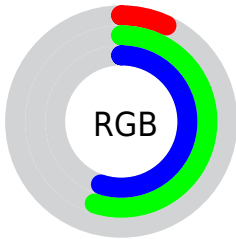
Format	Color
RYB	17, 79, 141
Decimal	1150348
CIELab	53.02, -30.39, -8.36
CIElCh	53, 31.517, 195.377
Yxy	21.0624, 0.2276, 0.3308
Android (android.graphics.Color)	4279340428 (0xFF118D8C)
YUV	103.8100, 17.8417, -76.1324
Hunter-Lab	45.8938, -23.9577, -4.1930

Details

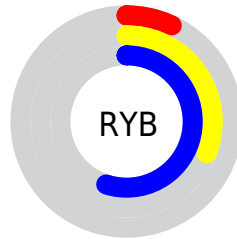
The XYZ color **14.4897, 21.0624, 28.1127** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **11.2949, 6.1080, 1.1566**, and the grayscale version is **13.0767, 13.7577, 14.9822**.

A 20% lighter version of the original color is **33.4551, 45.1046, 57.3949**, and **5.5016, 8.0505, 10.9368** is the 20% darker color. If you saturate the color by 10%, you get **14.2870, 20.9593, 28.0599**, and if you desaturate by 10%, it is **14.8359, 21.2403, 28.1732**.

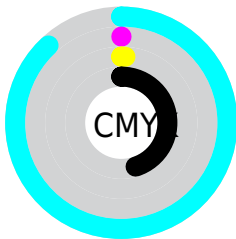
Distribution



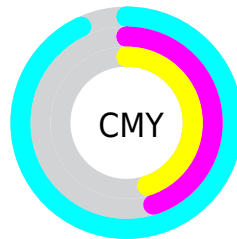
- Red (7%)
- Green (55%)
- Blue (55%)



- Red (7%)
- Yellow (31%)
- Blue (55%)



- Cyan (88%)
- Magenta (0%)
- Yellow (1%)
- Black (45%)



- Cyan (93%)
- Magenta (45%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4897, 21.0624, 28.1127 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 14.4897, 21.0624, 28.1127 by changing the saturation by 10% instead.

■ 14.4897, 21.0624,
28.1127

■ 14.4897, 21.0624,
28.1127

■ 213.7066,
257.6099, 306.9339

■ 8.5460, 13.1696,
18.1709

■ 33.5345, 45.1914,
57.6896

■ 4.5010, 7.5455,
10.9020

■ 47.3663, 62.1963,
78.1617

■ 1.9893, 3.8055,
5.8876

■ 64.5582, 83.0075,
102.9810

■ 0.6279, 1.5654,
2.7092

■ 85.4756, 108.0092,
132.5660

■ 0.0000, 0.3341,
0.9481

■ 110.4837,
137.5860, 167.3352

■ 0.0000, 0.0000,
0.0000

■ 139.9480,

172.1221, 207.7073

174.2339,
212.0019, 254.1007

■ 14.4897, 21.0624,
28.1127

■ 14.4897, 21.0624,
28.1127

■ 14.2870, 20.9593,
28.0599

■ 14.8359, 21.2403,
28.1732

■ 14.2488, 20.9398,
28.0490

■ 15.3674, 21.5134,
28.2420

■ 16.1066, 21.8935,
28.3205

■ 17.0719, 22.3901,
28.4097

■ 18.2799, 23.0119,
28.5103

■ 19.7456, 23.7665,
28.6230

■ 21.4828, 24.6611,
28.7484

■ 23.5043, 25.7022,
28.8872

■ 25.8220, 26.8961,
29.0398

Harmonies

Analogous

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



14.4722, 21.0624, 18.6339



14.4897, 21.0624, 28.1127



15.8742, 21.0624, 38.5013

Triad

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



14.4897, 21.0624, 28.1127



24.8978, 21.0624, 38.2621



21.6688, 21.0624, 9.4342

Complementary

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



14.4897, 21.0624, 28.1127



11.2949, 6.1080, 1.1566

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.



24.8293, 21.0624, 12.2551



14.4897, 21.0624, 28.1127



26.8283, 21.0624, 27.8480

Square

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



14.4897, 21.0624, 28.1127



21.7542, 21.0624, 45.3717



26.8020, 21.0624, 18.4328



18.3789, 21.0624, 9.4686

Rectangle

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



14.4897, 21.0624, 28.1127



17.4836, 21.0624, 43.8069



26.8020, 21.0624, 18.4328



22.7888, 21.0624, 10.0366

Sweetspot

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



14.4903, 21.0632, 28.1132



35.7584, 42.7657, 51.2869



9.8967, 19.2302, 3.7211



7.7947, 9.4530, 11.4408



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.



14.4903, 21.0632, 28.1132



25.5132, 37.4973, 50.2126



7.9873, 7.9385, 26.3115



5.5584, 6.1156, 6.9065



12.9921, 19.0927, 25.5762



0.1246, 0.1827, 0.2466

Inverse Universe

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



11.2949, 6.1080, 1.1566



19.6796, 10.1443, 0.9634



13.7360, 11.0031, 1.9308



5.4105, 5.4247, 5.6599



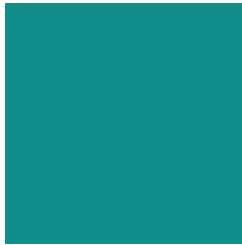
10.0218, 5.1657, 0.5002



0.0961, 0.0495, 0.0063

Previews

White Background



This preview shows how the XYZ color 14.4897, 21.0624, 28.1127 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 14.4897, 21.0624, 28.1127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

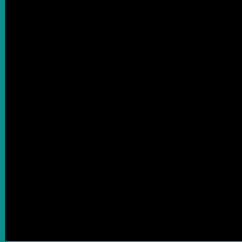
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.4897, 21.0624, 28.1127

Background



This preview shows how black text looks on a background with the XYZ color 14.4897, 21.0624, 28.1127.



This preview shows how white text looks on a background with the XYZ color 14.4897, 21.0624,

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

14.4897, 21.0624, 28.1127

Protanopia

20.1153, 20.7910, 24.0720

Deuteranopia

21.1703, 20.8467, 29.2936



Tritanopia

15.3836, 20.9909, 32.5190

Trichromacy



Original Color

14.4897, 21.0624, 28.1127

Protanomaly

16.3499, 19.9801, 25.5491

Deuteranomaly

16.9651, 20.0231, 28.9573

Tritanomaly

15.0705, 21.0824, 30.8788

Monochromacy



Original Color

14.4897, 21.0624, 28.1127

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

12.2447, 15.3847, 19.1538

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4897, 21.0624, 28.1127 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(17, 141, 140)` looks like.

```
.text, #text, p{  
    color:rgb(17, 141, 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(17, 141, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 141, 140) }
```

Border

The CSS property to change the border of an element to XYZ 14.4897, 21.0624, 28.1127 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(17, 141, 140) }
```


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

```
.border{ border-color:rgb(17, 141, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 141, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 141, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 141, 140);  
box-shadow:4px 4px 4px 4px rgb(17, 141,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4897, 21.0624, 28.1127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 141, 140) }
```

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

```
.background{ background-color: rgb(17, 141,  
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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