

Converting Colors

XYZ(17.2083, 26.7519, 28.0784)

Have a look what the booklet for
XYZ(17.2083, 26.7519, 28.0784)
contains.

XYZ(17.1821, 26.7409, 27.9228)	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(17.1821, 26.7409,
27.9228)**

Conversions

Conversions Part 1

Format	Color
Hex	139F89
RGB	19, 159, 137
RGB Percent	7%, 62%, 54%
CMY	0.9254, 0.3765, 0.4627
CMYK	0.88, 0.00, 0.14, 0.38
HSL	171°, 79%, 35%
HSV	171°, 88%, 62%
XYZ	17.1821, 26.7409, 27.9228
YIQ	114.6320, -76.3780, -36.5220

Conversions

Conversions Part 2

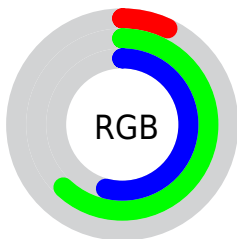
Format	Color
R_{YB}	19, 95, 159
Decimal	1286025
CIE _{Lab}	58.73, -39.41, 1.79
CIE _{LCh}	59, 39.453, 177.407
Yxy	26.7409, 0.2392, 0.3722
Android (android.graphics.Color)	4279476105 (0xFF139F89)
YUV	114.6320, 11.0274, -83.8693
Hunter-Lab	51.7116, -31.1855, 4.1832

Details

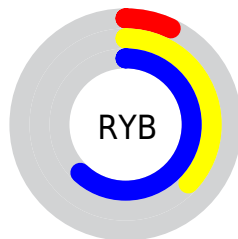
The XYZ color **17.1821, 26.7409, 27.9228** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **14.9322, 7.9976, 2.8560**, and the grayscale version is **16.1703, 17.0124, 18.5265**.

A 20% lighter version of the original color is **38.0601, 54.2437, 57.1793**, and **6.9780, 11.2035, 10.8115** is the 20% darker color. If you saturate the color by 10%, you get **16.7758, 26.5525, 26.9793**, and if you desaturate by 10%, it is **17.7857, 27.0317, 28.8984**.

Distribution



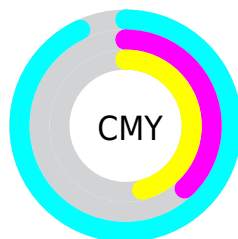
- Red (7%)
- Green (62%)
- Blue (54%)



- Red (7%)
- Yellow (37%)
- Blue (62%)



- Cyan (88%)
- Magenta (0%)
- Yellow (14%)
- Black (38%)



- Cyan (93%)
- Magenta (38%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1821, 26.7409, 27.9228 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 17.1821, 26.7409, 27.9228 by changing the saturation by 10% instead.

■ 17.1821, 26.7409,
27.9228

■ 17.1821, 26.7409,
27.9228

229.3554,
286.4004, 305.9982

■ 10.4605, 17.3787,
18.0289

■ 38.1797, 54.4678,
57.3828

■ 5.7699, 10.5049,
10.8011

■ 53.1865, 73.6013,
77.7860

■ 2.7450, 5.7350,
5.8208

■ 71.6856, 96.7608,
102.5294

■ 1.0204, 2.6846,
2.6694

■ 94.0426, 124.3305,
132.0315

■ 0.0000, 0.9694,
0.9280

■ 120.6227,
156.6950, 166.7109

■ 0.0000, 0.0000,
0.0000

■ 151.7913,

194.2385, 206.9861

187.9138,
237.3455, 253.2757

■ 17.1821, 26.7409,
27.9228

■ 17.1821, 26.7409,
27.9228

■ 16.7758, 26.5525,
26.9793

■ 17.7857, 27.0317,
28.8984

■ 16.7025, 26.5187,
26.7972

■ 18.6369, 27.4491,
29.9068

■ 19.7661, 28.0093,
30.9502

■ 21.1983, 28.7252,
32.0298

■ 22.9559, 29.6084,
33.1470

■ 25.0593, 30.6694,
34.3027

■ 27.5271, 31.9176,
35.4979

■ 30.3764, 33.3621,
36.7337

■ 33.6234, 35.0111,
38.0109

Harmonies

Analogous

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



18.3323, 26.7409, 16.9548



17.1821, 26.7409, 27.9228



17.9946, 26.7409, 43.2440

Triad

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



17.1821, 26.7409, 27.9228



29.9620, 26.7409, 59.8990



30.7862, 26.7409, 11.8959

Complementary

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



17.1821, 26.7409, 27.9228



14.9322, 7.9976, 2.8560

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.



34.6412, 26.7409, 18.4589



17.1821, 26.7409, 27.9228



34.1243, 26.7409, 46.0304

Square

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



17.1821, 26.7409, 27.9228



24.9962, 26.7409, 64.8403



35.9336, 26.7409, 30.3433



25.8413, 26.7409, 9.7374

Rectangle

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



17.1821, 26.7409, 27.9228



19.6055, 26.7409, 53.5774



35.9336, 26.7409, 30.3433



32.2752, 26.7409, 13.5316

Sweetspot

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



17.1829, 26.7419, 27.9234



45.5177, 55.2476, 61.7573



13.4853, 25.3438, 4.7978



9.9628, 12.3044, 13.7689



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



17.1829, 26.7419, 27.9234



29.8525, 47.4673, 47.6778



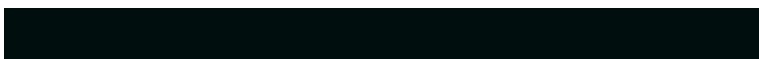
12.3588, 14.3054, 34.9119



6.7770, 7.4916, 8.2604



13.2043, 20.9497, 21.2308



0.2471, 0.3790, 0.4374

Inverse Universe

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



14.9322, 7.9976, 2.8560



25.8736, 13.3075, 2.6046



16.3457, 11.2771, 1.9319



6.6735, 6.6623, 7.1316



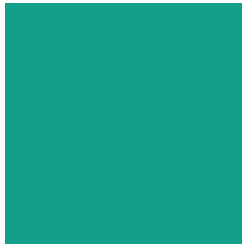
11.4422, 5.8815, 1.3138



0.2151, 0.1094, 0.0788

Previews

White Background



This preview shows how the XYZ color 17.1821, 26.7409, 27.9228 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 17.1821, 26.7409, 27.9228 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

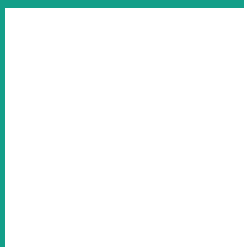
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.1821, 26.7409, 27.9228

Background



This preview shows how black text looks on a background with the XYZ color 17.1821, 26.7409, 27.9228.

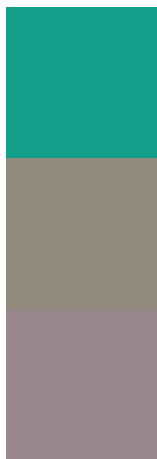


This preview shows how white text looks on a background with the XYZ color 17.1821, 26.7409,

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

17.1821, 26.7409, 27.9228

Protanopia

25.0629, 26.3995, 23.8533

Deuteranopia

26.8235, 26.3336, 29.2603



Tritanopia

19.8687, 26.8370, 40.6921

Trichromacy



Original Color

17.1821, 26.7409, 27.9228



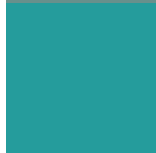
Protanomaly

19.7860, 25.2155, 25.2970



Deuteranomaly

20.4158, 24.7830, 28.5185



Tritanomaly

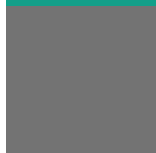
18.6522, 26.5705, 35.5980

Monochromacy



Original Color

17.1821, 26.7409, 27.9228



Achromatopsia

16.2955, 17.1441, 18.6699



Achromatomaly

14.9997, 19.3681, 21.6867

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1821, 26.7409, 27.9228 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(19, 159, 137)` looks like.

```
.text, #text, p{  
    color:rgb(19, 159, 137)  
}
```

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(19, 159, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 159, 137) }
```

Border

The CSS property to change the border of an element to XYZ 17.1821, 26.7409, 27.9228 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(19, 159, 137) }
```


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

```
.border{ border-color:rgb(19, 159, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 159, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 159, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 159, 137);  
box-shadow:4px 4px 4px 4px rgb(19, 159,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1821, 26.7409, 27.9228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 159, 137) }
```

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

```
.background{ background-color: rgb(19, 159,  
137) }
```

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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