

Converting Colors

XYZ(17.7591, 26.7364, 32.3781)

Have a look what the booklet for
XYZ(17.7591, 26.7364, 32.3781)
contains.

XYZ(17.6973, 26.6564, 32.2294)	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(17.6973, 26.6564,
32.2294)**

Conversions

Conversions Part 1

Format	Color
Hex	0A9E94
RGB	10, 158, 148
RGB Percent	4%, 62%, 58%
CMY	0.9607, 0.3804, 0.4196
CMYK	0.94, 0.00, 0.06, 0.38
HSL	176°, 88%, 33%
HSV	176°, 94%, 62%
XYZ	17.6973, 26.6564, 32.2294
YIQ	112.6080, -84.9980, -34.4860

Conversions

Conversions Part 2

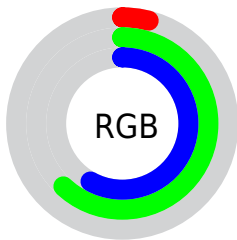
Format	Color
R_{YB}	10, 87, 158
Decimal	695956
CIE _{Lab}	58.65, -36.28, -4.57
CIE _{LCh}	59, 36.562, 187.186
Y _{xy}	26.6564, 0.2311, 0.3481
Android (android.graphics.Color)	4278886036 (0xFF0A9E94)
Y _{UV}	112.6080, 17.4483, -89.9872
Hunter-Lab	51.6298, -29.1673, -0.8703

Details

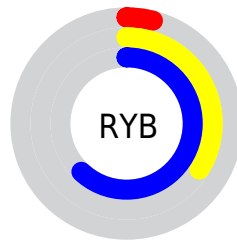
The XYZ color **17.6973, 26.6564, 32.2294** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **14.3362, 7.5374, 1.3620**, and the grayscale version is **15.5500, 16.3598, 17.8159**.

A 20% lighter version of the original color is **38.9691, 54.1799, 64.2810**, and **7.3117, 11.1711, 13.0801** is the 20% darker color. If you saturate the color by 10%, you get **17.5192, 26.5714, 31.9427**, and if you desaturate by 10%, it is **18.0790, 26.8440, 32.6912**.

Distribution



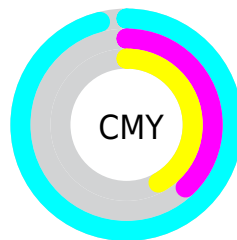
- Red (4%)
- Green (62%)
- Blue (58%)



- Red (4%)
- Yellow (34%)
- Blue (62%)



- Cyan (94%)
- Magenta (0%)
- Yellow (6%)
- Black (38%)





- Cyan (96%)
- Magenta (38%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.6973, 26.6564, 32.2294 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 17.6973, 26.6564, 32.2294 by changing the saturation by 10% instead.


 17.6973, 26.6564,
32.2294


 17.6973, 26.6564,
32.2294


232.2380,
285.9896, 326.6878


 10.8313, 17.3153,
21.2705


 39.0550, 54.3320,
64.2726


 6.0199, 10.4596,
13.1287


 54.2773, 73.4353,
86.1940


 2.8980, 5.7047,
7.3855


 73.0159, 96.5615,
112.6067

 1.1000, 2.6664,
3.6222

 95.6359, 124.0950,
143.9292

 0.0252, 0.9601,
1.4205

 122.5027,
156.4202, 180.5800

 0.0000, 0.0000,
0.1576

 153.9818,

 0.0000, 0.0000,

193.9214, 222.9776

0.0000

190.4385,
236.9831, 271.5407

■ 17.6973, 26.6564,
32.2294

■ 17.6973, 26.6564,
32.2294

■ 17.5192, 26.5714,
31.9427

■ 18.0790, 26.8440,
32.6912

■ 18.6827, 27.1453,
33.1668

■ 19.5412, 27.5778,
33.6585

■ 20.6814, 28.1556,
34.1675

■ 22.1269, 28.8906,
34.6948

■ 23.8986, 29.7937,
35.2416

■ 26.0158, 30.8747,
35.8086

■ 28.4959, 32.1429,
36.3968

■ 31.3557, 33.6066,
37.0069

Harmonies

Analogous

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



18.1801, 26.6564, 20.4515



17.6973, 26.6564, 32.2294



19.0598, 26.6564, 46.6867

Triad

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



17.6973, 26.6564, 32.2294



30.9226, 26.6564, 53.5247



28.8345, 26.6564, 11.6741

Complementary

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



17.6973, 26.6564, 32.2294



14.3362, 7.5374, 1.3620

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.



32.8580, 26.6564, 16.4949



17.6973, 26.6564, 32.2294



34.1596, 26.6564, 39.7097

Square

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



17.6973, 26.6564, 32.2294



26.4318, 26.6564, 61.1291



34.9068, 26.6564, 26.0390



24.2711, 26.6564, 10.7511

Rectangle

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



17.6973, 26.6564, 32.2294



20.9382, 26.6564, 55.1686



34.9068, 26.6564, 26.0390



30.3103, 26.6564, 12.8049

Sweetspot

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



17.6981, 26.6574, 32.2300



45.2834, 55.0655, 64.5181



12.6208, 24.6511, 4.3806



9.8659, 12.2393, 14.4512



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.



17.6981, 26.6574, 32.2300



31.7839, 48.2399, 57.8489



10.5114, 10.9617, 33.9107



6.8025, 7.5017, 8.3945



14.0364, 21.2825, 25.6124



0.2562, 0.3826, 0.4853

Inverse Universe

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



14.3362, 7.5374, 1.3620



25.6856, 13.2323, 1.6143



16.4526, 11.8846, 1.7145



6.6503, 6.6531, 7.0098



11.3460, 5.8430, 0.8069



0.2076, 0.1064, 0.0393

Previews

White Background



This preview shows how the XYZ color 17.6973, 26.6564, 32.2294 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 17.6973, 26.6564, 32.2294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

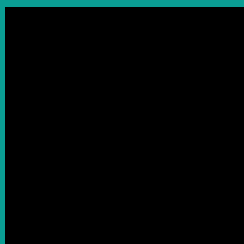
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.6973, 26.6564, 32.2294

Background



This preview shows how black text looks on a background with the XYZ color 17.6973, 26.6564, 32.2294.



This preview shows how white text looks on a background with the XYZ color 17.6973, 26.6564,

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

17.6973, 26.6564, 32.2294

Protanopia

25.2211, 26.4019, 27.4337

Deuteranopia

26.7667, 26.2041, 33.7841



Tritanopia

19.5886, 26.6819, 41.1635

Trichromacy



Original Color

17.6973, 26.6564, 32.2294

Protanomaly

19.9608, 25.2234, 29.0159

Deuteranomaly

20.5962, 24.7776, 32.9752

Tritanomaly

18.8004, 26.5970, 37.8611

Monochromacy



Original Color

17.6973, 26.6564, 32.2294

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

14.5966, 18.7434, 22.5872

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6973, 26.6564, 32.2294 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(10, 158, 148)` looks like.

```
.text, #text, p{  
    color:rgb(10, 158, 148)  
}
```

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(10, 158, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 158, 148) }
```

Border

The CSS property to change the border of an element to XYZ 17.6973, 26.6564, 32.2294 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(10, 158, 148) }
```


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

```
.border{ border-color:rgb(10, 158, 148) }
```

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

Here you see how a box with a 4 pixel rgb(10, 158, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 158, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 158, 148);  
box-shadow:4px 4px 4px 4px rgb(10, 158,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6973, 26.6564, 32.2294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 158, 148) }
```

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

```
.background{ background-color: rgb(10, 158,  
148) }
```

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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