

Converting Colors

XYZ(16.9725, 24.5419, 32.6967)

Have a look what the booklet for
XYZ(16.9725, 24.5419, 32.6967)
contains.

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Color

**XYZ(16.9725, 24.5419,
32.6967)**

Conversions

Conversions Part 1

Format	Color
Hex	199796
RGB	25, 151, 150
RGB Percent	10%, 59%, 59%
CMY	0.9019, 0.4078, 0.4118
CMYK	0.83, 0.00, 0.01, 0.41
HSL	180°, 72%, 35%
HSV	180°, 83%, 59%
XYZ	16.9725, 24.5419, 32.6967
YIQ	113.2120, -74.7750, -27.0230

Conversions

Conversions Part 2

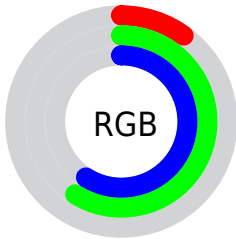
Format	Color
R_{YB}	25, 88, 151
Decimal	1677206
CIE _{Lab}	56.63, -31.48, -8.71
CIE _{LCh}	57, 32.667, 195.468
Yxy	24.5419, 0.2287, 0.3307
Android (android.graphics.Color)	4279867286 (0xFF199796)
YUV	113.2120, 18.1365, -77.3619
Hunter-Lab	49.5398, -25.5399, -4.4541

Details

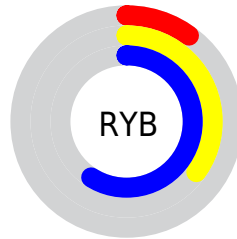
The XYZ color **16.9725, 24.5419, 32.6967** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **13.2973, 7.3498, 1.6957**, and the grayscale version is **15.7238, 16.5427, 18.0150**.

A 20% lighter version of the original color is **37.9002, 51.0436, 64.9816**, and **6.7140, 9.8245, 13.3468** is the 20% darker color. If you saturate the color by 10%, you get **16.6865, 24.3961, 32.6334**, and if you desaturate by 10%, it is **17.4611, 24.7932, 32.7706**.

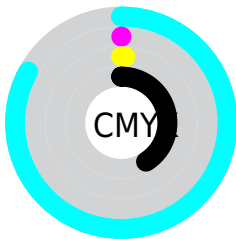
Distribution



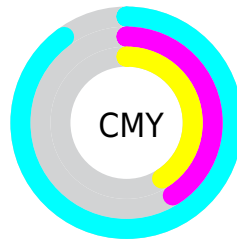
- Red (10%)
- Green (59%)
- Blue (59%)



- Red (10%)
- Yellow (35%)
- Blue (59%)



- Cyan (83%)
- Magenta (0%)
- Yellow (1%)
- Black (41%)



- Cyan (90%)
- Magenta (41%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.9725, 24.5419, 32.6967 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 16.9725, 24.5419, 32.6967 by changing the saturation by 10% instead.

■ 16.9725, 24.5419,
32.6967

■ 16.9725, 24.5419,
32.6967

■ 228.1732,
275.5488, 328.8708

■ 10.3101, 15.7361,
21.6250

■ 37.8225, 50.9131,
65.0123

■ 5.6689, 9.3376,
13.3859

■ 52.7407, 69.2472,
87.0932

■ 2.6835, 4.9620,
7.5610

■ 71.1416, 91.5263,
113.6809

■ 0.9887, 2.2250,
3.7316

■ 93.3905, 118.1346,
145.1940

■ 0.0000, 0.7336,
1.4793

■ 119.8527,
149.4566, 182.0510

■ 0.0000, 0.0000,
0.2024

■ 150.8937,

■ 0.0000, 0.0000,

185.8768, 224.6705

0.0000

186.8787,
227.7793, 273.4709

■ 16.9725, 24.5419,
32.6967

■ 16.9725, 24.5419,
32.6967

■ 16.6865, 24.3961,
32.6334

■ 17.4611, 24.7932,
32.7706

■ 16.5561, 24.3296,
32.5943

■ 18.1785, 25.1619,
32.8547

■ 19.1494, 25.6613,
32.9507

■ 20.3945, 26.3021,
33.0596

■ 21.9328, 27.0940,
33.1823

■ 23.7811, 28.0457,
33.3195

■ 25.9554, 29.1655,
33.4720

■ 28.4703, 30.4608,
33.6406

■ 31.3397, 31.9389,
33.8257

Harmonies

Analogous

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



16.9475, 24.5419, 21.8103



16.9725, 24.5419, 32.6967



18.5707, 24.5419, 44.5748

Triad

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



16.9725, 24.5419, 32.6967



28.9288, 24.5419, 44.2359



25.2071, 24.5419, 11.1595

Complementary

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



16.9725, 24.5419, 32.6967



13.2973, 7.3498, 1.6957

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.



28.8315, 24.5419, 14.4142



16.9725, 24.5419, 32.6967



31.1332, 24.5419, 32.3206

Square

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



16.9725, 24.5419, 32.6967



25.3286, 24.5419, 52.3706



31.0958, 24.5419, 21.5234



21.4325, 24.5419, 11.2090

Rectangle

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



16.9725, 24.5419, 32.6967



20.4238, 24.5419, 50.6203



31.0958, 24.5419, 21.5234



26.4916, 24.5419, 11.8544

Sweetspot

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



16.9732, 24.5428, 32.6973



41.8580, 49.8490, 59.6163



11.6975, 22.4387, 4.6348



9.2650, 11.2019, 13.5317



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



16.9732, 24.5428, 32.6973



29.6455, 43.5686, 58.3522



9.6524, 9.7714, 30.6565



6.3825, 7.0257, 7.9375



14.0848, 20.6974, 27.7307



0.2111, 0.3097, 0.4176

Inverse Universe

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



13.2973, 7.3498, 1.6957



22.8647, 11.7862, 1.1147



16.2588, 13.2904, 2.6286



6.2107, 6.2234, 6.4896



10.8635, 5.5996, 0.5403



0.1629, 0.0839, 0.0105

Previews

White Background



This preview shows how the XYZ color 16.9725, 24.5419, 32.6967 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 16.9725, 24.5419, 32.6967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

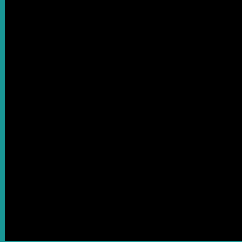
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 16.9725, 24.5419, 32.6967

Background



This preview shows how black text looks on a background with the XYZ color 16.9725, 24.5419, 32.6967.

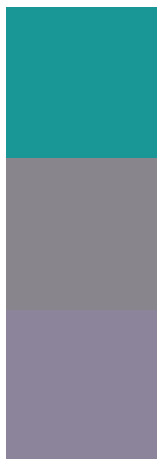


This preview shows how white text looks on a background with the XYZ color 16.9725, 24.5419,

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

16.9725, 24.5419, 32.6967

Protanopia

23.4121, 24.1779, 28.2438

Deuteranopia

24.7315, 24.3246, 33.9635



Tritanopia

17.9434, 24.4614, 37.4940

Trichromacy



Original Color

16.9725, 24.5419, 32.6967

Protanomaly

19.2360, 23.2566, 29.8607

Deuteranomaly

20.0194, 23.3618, 33.5911

Tritanomaly

17.6193, 24.5703, 35.7122

Monochromacy



Original Color

16.9725, 24.5419, 32.6967

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

14.7486, 18.4344, 22.5195

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.9725, 24.5419, 32.6967 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(25, 151, 150)` looks like.

```
.text, #text, p{  
    color:rgb(25, 151, 150)  
}
```

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(25, 151, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 151, 150) }
```

Border

The CSS property to change the border of an element to XYZ 16.9725, 24.5419, 32.6967 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(25, 151, 150) }
```


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

```
.border{ border-color:rgb(25, 151, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 151, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 151, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 151, 150);  
box-shadow:4px 4px 4px 4px rgb(25, 151,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 16.9725, 24.5419, 32.6967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 151, 150) }
```

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

```
.background{ background-color: rgb(25, 151,  
150) }
```

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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