

Converting Colors

XYZ(14.5895, 19.8780, 32.5718)

Have a look what the booklet for
XYZ(14.5895, 19.8780, 32.5718)
contains.

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Color

**XYZ(14.6687, 19.9769,
32.7886)**

Conversions

Conversions Part 1

Format	Color
Hex	0F8898
RGB	15, 136, 152
RGB Percent	6%, 53%, 60%
CMY	0.9411, 0.4667, 0.4039
CMYK	0.90, 0.11, 0.00, 0.40
HSL	187°, 82%, 33%
HSV	187°, 90%, 60%
XYZ	14.6687, 19.9769, 32.7886
YIQ	101.6450, -77.2520, -20.6760

Conversions

Conversions Part 2

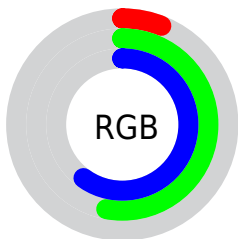
Format	Color
RYB	15, 79, 152
Decimal	1018008
CIELab	51.81, -24.09, -17.14
CIElCh	52, 29.567, 215.429
Yxy	19.9769, 0.2175, 0.2962
Android (android.graphics.Color)	4279208088 (0xFF0F8898)
YUV	101.6450, 24.8250, -75.9877
Hunter-Lab	44.6955, -19.6350, -12.2082

Details

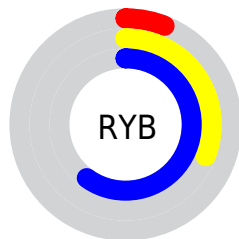
The XYZ color **14.6687, 19.9769, 32.7886** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **13.5259, 7.6910, 1.2243**, and the grayscale version is **12.4904, 13.1409, 14.3105**.

A 20% lighter version of the original color is **33.8684, 43.5073, 65.0052**, and **5.6768, 7.5952, 13.4787** is the 20% darker color. If you saturate the color by 10%, you get **14.2269, 19.3857, 32.6982**, and if you desaturate by 10%, it is **15.2660, 20.6595, 32.8893**.

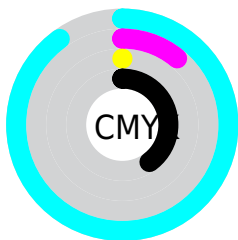
Distribution



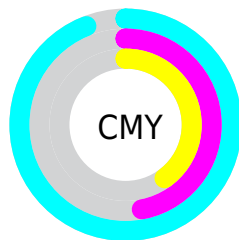
- Red (6%)
- Green (53%)
- Blue (60%)



- Red (6%)
- Yellow (31%)
- Blue (60%)



- Cyan (90%)
- Magenta (11%)
- Yellow (0%)
- Black (40%)



- Cyan (94%)
- Magenta (47%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6687, 19.9769, 32.7886 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 14.6687, 19.9769, 32.7886 by changing the saturation by 10% instead.

■ 14.6687, 19.9769,
32.7886

■ 14.6687, 19.9769,
32.7886

■ 214.7805,
251.7900, 329.2988

■ 8.6720, 12.3783,
21.6948

■ 33.8474, 43.3785,
65.1575

■ 4.5833, 7.0018,
13.4366

■ 47.7601, 59.9501,
87.2697

■ 2.0371, 3.4632,
7.5956

■ 65.0421, 80.2816,
113.8918

■ 0.6547, 1.3781,
3.7533

■ 86.0589, 104.7573,
145.4422

■ 0.0000, 0.2005,
1.4910

■ 111.1758,
133.7616, 182.3396

■ 0.0000, 0.0000,
0.2112

■ 140.7581,

■ 0.0000, 0.0000,

167.6789, 225.0025

0.0000

175.1712,
206.8936, 273.8494

■ 14.6687, 19.9769,
32.7886

■ 14.6687, 19.9769,
32.7886

■ 14.2269, 19.3857,
32.6982

■ 15.2660, 20.6595,
32.8893

■ 16.0812, 21.4602,
33.0008

■ 17.1421, 22.3937,
33.1251

■ 18.4718, 23.4721,
33.2632

■ 20.0909, 24.7060,
33.4160

■ 22.0177, 26.1047,
33.5844

■ 24.2693, 27.6772,
33.7693

■ 26.8611, 29.4315,
33.9713

■ 29.8080, 31.3752,
34.1911

Harmonies

Analogous

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



13.8095, 19.9769, 23.3505



14.6687, 19.9769, 32.7886



16.6909, 19.9769, 40.4755

Triad

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



14.6687, 19.9769, 32.7886



24.7246, 19.9769, 29.3601



18.4475, 19.9769, 9.1122

Complementary

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



14.6687, 19.9769, 32.7886



13.5259, 7.6910, 1.2243

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.



21.4856, 19.9769, 9.9307



14.6687, 19.9769, 32.7886



25.3207, 19.9769, 20.2271

Square

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



14.6687, 19.9769, 32.7886



22.5274, 19.9769, 38.1590



24.0802, 19.9769, 13.5191



15.8392, 19.9769, 10.8855

Rectangle

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



14.6687, 19.9769, 32.7886



18.5320, 19.9769, 42.6962



24.0802, 19.9769, 13.5191



19.4503, 19.9769, 9.1001

Sweetspot

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



14.6693, 19.9776, 32.7891



39.8373, 46.7665, 59.3609



11.6731, 22.6575, 5.0545



8.7902, 10.4421, 13.4697



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.



14.6693, 19.9776, 32.7891



25.0273, 34.0487, 57.6866



7.9037, 6.4463, 30.5339



6.3230, 6.9033, 7.9282



11.9433, 16.2833, 27.4212



0.1937, 0.2738, 0.4150

Inverse Universe

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



17.5643, 8.7953, 24.0652



30.4393, 14.8160, 41.0024



17.5440, 15.7272, 2.5637



6.4301, 6.3112, 7.6452



14.4872, 7.0491, 19.6225



0.2242, 0.1084, 0.3337

Previews

White Background



This preview shows how the XYZ color 14.6687, 19.9769, 32.7886 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 14.6687, 19.9769, 32.7886 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

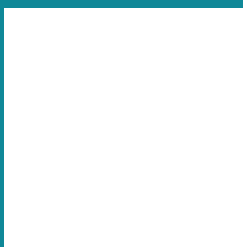
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.6687, 19.9769, 32.7886

Background



This preview shows how black text looks on a background with the XYZ color 14.6687, 19.9769, 32.7886.

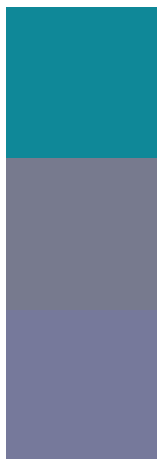


This preview shows how white text looks on a background with the XYZ color 14.6687, 19.9769,

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

14.6687, 19.9769, 32.7886

Protanopia

19.4498, 19.7940, 28.3867

Deuteranopia

20.2250, 19.8929, 33.7841

Trichromacy



Original Color

14.6687, 19.9769, 32.7886

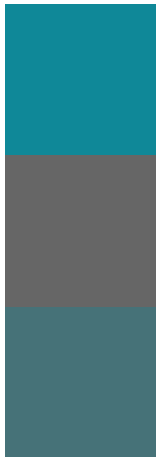
Protanomaly

16.1710, 19.0034, 30.0098

Deuteranomaly

16.6869, 19.0041, 33.3605

Monochromacy



Original Color

14.6687, 19.9769, 32.7886

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

11.9333, 14.6928, 19.9763

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6687, 19.9769, 32.7886 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(15, 136, 152)` looks like.

```
.text, #text, p{  
    color:rgb(15, 136, 152)  
}
```

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(15, 136, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 136, 152) }
```

Border

The CSS property to change the border of an element to XYZ 14.6687, 19.9769, 32.7886 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(15, 136, 152) }
```

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

```
.border{ border-color:rgb(15, 136, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 136, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 136, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 136, 152);  
box-shadow:4px 4px 4px 4px rgb(15, 136,  
152) }
```


Background

The CSS property to change the background color of an element to XYZ 14.6687, 19.9769, 32.7886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 136, 152) }
```

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

```
.background{ background-color: rgb(15, 136,  
152) }
```

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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